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(12) **United States Design Patent** (10) **Patent No.:** **US D898,059 S**
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(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE**

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(**) Term: **15 Years**

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USPC **D14/486**; D14/491

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,530,863 A 6/1996 Hino
5,826,249 A 10/1998 Skeirik
6,151,583 A 11/2000 Ohmura et al.
(Continued)

FOREIGN PATENT DOCUMENTS

AU 2011201795 A1 11/2011
EP 0789875 B1 5/2000
(Continued)

OTHER PUBLICATIONS

Kugele et al., “Mapping Data-Flow Dependencies onto Distributed Embedded Systems” 2008.

(Continued)

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(57) **CLAIM**

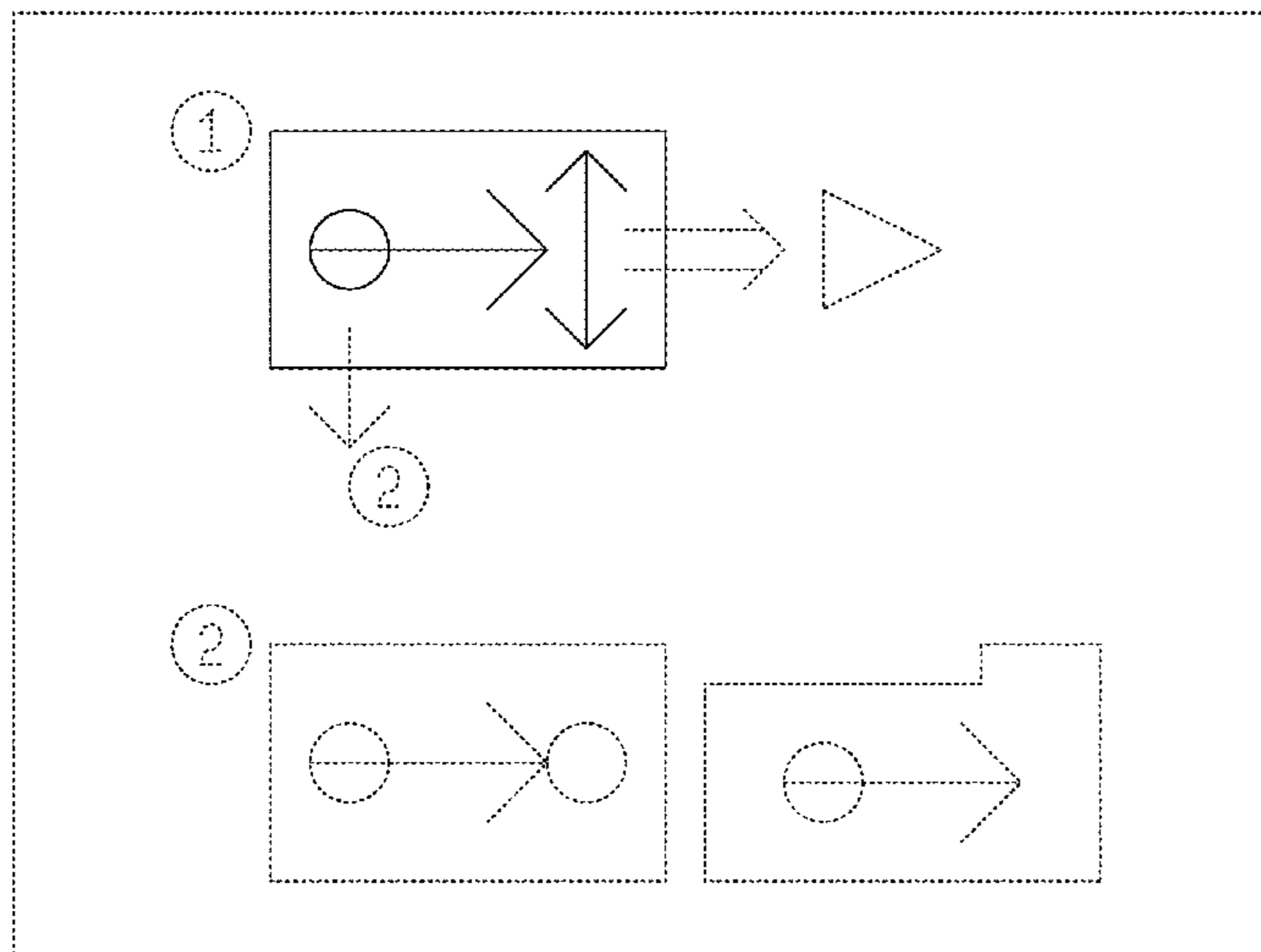
I claim the ornamental design for display screen or portion thereof with graphical user interface, as shown and described.

DESCRIPTION

The FIGURE is a front view of a display screen or portion thereof with graphical user interface showing our new design.

The broken lines showing a display screen or portion thereof illustrates environmental structure that forms no part of the claimed design. All other broken lines showing text and portions of the graphical user interface illustrate portions of the graphical user interface that form no part of the claimed design.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

6,233,731 B1 5/2001 Bond et al.
6,286,033 B1 9/2001 Kishinsky et al.
6,314,429 B1 11/2001 Simser
6,493,673 B1 12/2002 Ladd et al.
6,516,461 B1 2/2003 Ichisugi
6,549,882 B1 4/2003 Chen et al.
6,735,580 B1 5/2004 Li et al.
6,799,301 B1 9/2004 Francis et al.
6,813,770 B1 11/2004 Allavarpu et al.
6,938,215 B2 * 8/2005 Kobayashi G06F 3/0481
348/333.02
6,941,289 B2 9/2005 Goodnight et al.
6,966,054 B2 11/2005 Simonyi
7,035,781 B1 4/2006 Flake et al.
7,047,535 B2 5/2006 Lee et al.
7,058,968 B2 6/2006 Rowland et al.
7,152,229 B2 12/2006 Chong et al.
7,162,461 B2 1/2007 Goodnight et al.
7,251,589 B1 7/2007 Crowe et al.
7,272,821 B2 9/2007 Chittar et al.
7,340,440 B2 3/2008 Goodnight et al.
7,346,897 B2 3/2008 Vargas
7,367,015 B2 4/2008 Evans et al.
7,444,619 B2 10/2008 McManus
7,478,350 B2 1/2009 Greaves et al.
7,490,320 B2 2/2009 Kielstra et al.
D593,580 S * 6/2009 Truelove D14/491
7,581,212 B2 8/2009 West et al.
7,614,052 B2 11/2009 Wei
D606,551 S * 12/2009 Willis D14/491
D611,493 S * 3/2010 Willis D14/491
7,711,734 B2 5/2010 Leonard
7,716,022 B1 5/2010 Park et al.
7,779,396 B2 8/2010 Meijer et al.
7,788,631 B2 8/2010 Sieron et al.
7,934,207 B2 4/2011 Gustafsson et al.
8,005,707 B1 8/2011 Jackson et al.
8,024,241 B2 9/2011 Bailey et al.
8,024,405 B2 9/2011 Shukla et al.
8,041,735 B1 10/2011 Lacapra et al.
8,055,907 B2 11/2011 Deem et al.
8,069,190 B2 11/2011 McColl et al.
8,112,302 B1 2/2012 Trovero et al.
8,117,606 B2 2/2012 Chakrabarti et al.
D656,515 S * 3/2012 Bechtold D14/490
8,176,469 B2 5/2012 Lucas
8,286,251 B2 10/2012 Eker et al.
8,302,078 B2 10/2012 Thunemann et al.
8,332,828 B2 12/2012 Vargas
8,438,551 B2 5/2013 Tonkin et al.
8,448,150 B2 5/2013 Kim et al.
8,453,126 B1 5/2013 Ganelin
D684,182 S * 6/2013 Phelan D14/489
8,516,443 B2 8/2013 Li et al.
8,566,715 B2 10/2013 Hattori et al.
8,572,589 B2 10/2013 Cataldo et al.
8,627,281 B2 1/2014 Tatsubori
8,627,426 B2 1/2014 Lucovsky et al.
8,631,040 B2 1/2014 Jackson et al.
8,713,514 B2 4/2014 Winternitz
D705,258 S * 5/2014 Gerssen D14/491
D705,259 S * 5/2014 Gerssen D14/491
8,762,962 B2 6/2014 Ben-Artzi et al.
8,782,673 B2 7/2014 Thunemann et al.
8,862,456 B2 10/2014 Krack et al.
8,943,472 B1 1/2015 Ganelin
9,015,093 B1 4/2015 Commons
9,026,577 B1 5/2015 Johnston et al.
9,037,998 B2 5/2015 Leonard et al.
D731,546 S * 6/2015 Zhou D14/491
9,047,559 B2 6/2015 Brzezicki et al.
9,087,306 B2 7/2015 Leonard et al.
9,092,228 B2 7/2015 Davis et al.
9,147,218 B2 9/2015 Leonard et al.
D743,439 S * 11/2015 Torres D14/492
9,213,718 B1 12/2015 Hrebicek et al.
9,244,887 B2 1/2016 Leonard et al.
9,264,304 B2 2/2016 Smith et al.
9,311,057 B2 4/2016 Brunel et al.
D757,737 S * 5/2016 Chaudhri G06F 3/0481
D14/485
9,336,483 B1 5/2016 Abeysooriya et al.
D760,781 S * 7/2016 Nakamura D14/491
D761,317 S * 7/2016 Tursi D14/491
9,418,339 B1 8/2016 Leonard et al.
9,430,290 B1 8/2016 Gupta et al.
9,516,053 B1 12/2016 Muddu et al.
9,652,286 B2 5/2017 Fan
9,684,494 B2 6/2017 Mizrachi et al.
9,696,974 B2 7/2017 Pamer
9,818,063 B2 11/2017 Joshi et al.
9,824,692 B1 11/2017 Khoury et al.
9,858,045 B2 1/2018 Grebnov et al.
9,882,829 B2 1/2018 Maes et al.
9,891,901 B2 2/2018 Beit-Aharon
D813,904 S * 3/2018 Okutsu D14/488
9,916,282 B2 3/2018 Leonard et al.
9,923,838 B2 3/2018 Resch et al.
9,934,259 B2 4/2018 Leonard et al.
9,935,825 B2 4/2018 Aswathanarayana et al.
9,952,899 B2 4/2018 Novaes
10,012,748 B2 * 7/2018 Gupta E21B 43/00
10,025,753 B2 7/2018 Leonard et al.
10,025,815 B2 7/2018 Jurowicz et al.
10,037,305 B2 7/2018 Leonard et al.
10,063,428 B1 8/2018 Karam et al.
10,082,774 B2 9/2018 Leonard et al.
10,108,321 B2 10/2018 Hachmeister et al.
D834,063 S * 11/2018 Stray D14/491
10,157,045 B2 12/2018 Venkataramani et al.
10,169,720 B2 1/2019 Chien et al.
10,216,501 B2 2/2019 De et al.
10,229,148 B1 3/2019 Nguyen et al.
10,235,622 B2 3/2019 Hunt et al.
D844,634 S * 4/2019 Roberts D14/485
10,255,409 B2 4/2019 Kisiel et al.
10,268,716 B2 4/2019 Alshammari
10,331,490 B2 6/2019 Leonard et al.
10,346,476 B2 * 7/2019 Bequet G06N 3/084
10,372,734 B2 8/2019 Trovero et al.
10,379,825 B2 8/2019 Berg et al.
10,410,116 B2 9/2019 Husain et al.
10,417,556 B1 9/2019 Fairbank et al.
10,438,114 B1 10/2019 Blundell et al.
10,452,976 B2 10/2019 Yoo et al.
10,459,979 B2 10/2019 Piechowicz et al.
2002/0154155 A1 * 10/2002 McKirchy G09B 7/02
715/705
2002/0184250 A1 12/2002 Kern et al.
2005/0050525 A1 3/2005 Chittar et al.
2005/0198639 A1 9/2005 Matsui
2006/0248466 A1 11/2006 Fedorenko et al.
2007/0005528 A1 1/2007 Mukherjee et al.
2007/0169018 A1 7/2007 Coward
2008/0120129 A1 5/2008 Seubert et al.
2008/0229307 A1 9/2008 Maeda et al.
2008/0300851 A1 12/2008 Chakrabarti et al.
2009/0007127 A1 1/2009 Roberts et al.
2009/0241117 A1 9/2009 Dasgupta et al.
2009/0293059 A1 11/2009 Nathan et al.
2009/0313600 A1 12/2009 Ayers et al.
2010/0011369 A1 1/2010 Uchida
2010/0138229 A1 * 6/2010 Mang G06Q 10/06
705/2
2010/0280865 A1 11/2010 Goja
2011/0087627 A1 4/2011 Schmid et al.
2011/0131448 A1 6/2011 Vasil et al.
2011/0161391 A1 6/2011 Araujo et al.
2011/0179058 A1 7/2011 Purcell et al.
2011/0276656 A1 11/2011 Knapp et al.
2011/0289490 A1 11/2011 McAtamney
2012/0110560 A1 5/2012 Fisher et al.
2012/0117570 A1 5/2012 Ozaki et al.
2012/0204160 A1 8/2012 Ben-Artzi et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0304153 A1 11/2012 Li et al.
2013/0227558 A1 8/2013 Du et al.
2013/0253977 A1 9/2013 Vibhor et al.
2013/0263092 A1 10/2013 Chikahisa et al.
2013/0275992 A1 10/2013 Kimata
2014/0108861 A1 4/2014 Abadi et al.
2014/0143754 A1 5/2014 Henderson
2014/0156849 A1 6/2014 Kim et al.
2014/0196001 A1 7/2014 Ioannou et al.
2014/0304398 A1 10/2014 Carlen et al.
2014/0310054 A1 10/2014 Hernandez, Jr. et al.
2015/0106153 A1 4/2015 Kibbar et al.
2015/0160974 A1 6/2015 Kishore et al.
2015/0220866 A1 8/2015 Mihara et al.
2015/0278680 A1 10/2015 Annapureddy et al.
2015/0324241 A1 11/2015 Curbera et al.
2015/0354336 A1 12/2015 Maurice et al.
2016/0062753 A1 3/2016 Champagne
2016/0155049 A1 6/2016 Choi
2016/0202959 A1 7/2016 Doubleday et al.
2016/0210687 A1* 7/2016 Grace G06Q 30/0643
2016/0350160 A1 12/2016 Hamway et al.
2016/0358103 A1 12/2016 Bowers et al.
2016/0378785 A1 12/2016 Liu et al.
2016/0379112 A1 12/2016 He et al.
2017/0068887 A1 3/2017 Kwon
2017/0090989 A1 3/2017 van Velzen et al.
2017/0154260 A1 6/2017 Hamada et al.
2017/0212781 A1 7/2017 Dillenberger et al.
2017/0272209 A1 9/2017 Yanovsky et al.
2017/0277556 A1 9/2017 Ishii et al.
2017/0315789 A1 11/2017 Lam et al.
2017/0337054 A1 11/2017 Parees et al.
2017/0346684 A1 11/2017 Ratkovic et al.
2017/0351781 A1 12/2017 Alexander et al.
2018/0004721 A1 1/2018 Wolfram et al.
2018/0025092 A1 1/2018 Aharonov et al.
2018/0032863 A1 2/2018 Graepel et al.
2018/0041582 A1 2/2018 Rosca et al.
2018/0046496 A1 2/2018 Suzuki
2018/0046503 A1 2/2018 Feng et al.
2018/0053328 A1 2/2018 Simonovic et al.
2018/0081586 A1 3/2018 Kazi et al.
2018/0165066 A1 6/2018 Sinha et al.
2018/0165579 A1 6/2018 Friel et al.
2018/0288154 A1 10/2018 Ghazaleh
2018/0307969 A1 10/2018 Shibahara
2018/0307979 A1 10/2018 Selinger et al.
2018/0308010 A1 10/2018 Bunch et al.
2018/0314944 A1 11/2018 Li et al.
2018/0322396 A1 11/2018 Ahuja-Cogny et al.
2019/0114302 A1* 4/2019 Bequet G06F 3/0488
2019/0171929 A1 6/2019 Abadi et al.
2019/0294469 A1 9/2019 Voss et al.
2020/0026910 A1 1/2020 Wang et al.

FOREIGN PATENT DOCUMENTS

EP 2492860 A1 8/2012
EP 3040860 A1 7/2016
WO 2008132066 A1 11/2008

OTHER PUBLICATIONS

- Liu et al., “Data-flow Distribution in FICAS Service Composition Infrastructure”, 2002.
- Lyer et al., “A Method to Determine the Required Number of Neural-Network Training Repetitions”, IEEE 2, Mar. 1999.
- Author Unknown, “Nodes” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/architecture/nodes/>.
- Author Unknown, “Pod Overview” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/workloads/pods/pod-overview/>.
- Author Unknown, “Runtime Class” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/containers/runtime-class/>.
- Author Unknown, “Service” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/services-networking/service/>.
- Eldridge, Isaac., “What is Container Orchestration” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://blog.newrelic.com/engineering/container-orchestration-explained/>.
- Author Unknown, “What Is Container Orchestration?” BoxBoat—Retrieved Feb. 10, 2020 URL: <https://boxboat.com/2019/01/25/what-is-container-orchestration/>.
- Author Unknown, “Images” Kubernetes—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/containers/images/>.
- Connor et al., “Recurrent Neural Networks and Robust Time Series Prediction”; IEEE 1994; (Connor_1994.pdf, pp. 1-15) (Year: 1994).
- Author Unknown, “About Us” Code.org—Retrieved Feb. 5, 2019.
- Opitz et al., “Generating Accurate and Diverse Members of a Neural-Network Ensemble”, NIPS’95 Proceedings of the 8th International Conference on Neural Information Processing Systems, pp. 535-541, Nov. 27-Dec. 2, 1995.
- Bullinaria, J., “Recurrent Neural Networks” Neural Computation: Lecture 12 (2015).
- Bishop et al., “Neural Networks and Ensemble Learning” CSE 473, Lecture 27, Chapter 18, AI Faculty (2012).
- Weller, M., “Recurrent Neural Networks for time series forecasting”, Novatec, Oct. 16, 2018.
- Schmidhammer, J., “Time Series and Forecasting” (2003).
- Kenton, W., “Understanding Time Series”, Investopedia, Updated Jun. 21, 2019, URL <https://www.investopedia.com/terms/t/timeseries.asp>.
- Borges, J., “Neural Networks and Ensemble Methods for Classification” (2010).
- Zaamout, K. “Two Novel Ensemble Approaches for Improving Classification of Neural Networks” (2012) A thesis submitted to the School of Graduate Studies, University of Lethbridge: Lethbridge, Alberta, Canada.
- Zaamout et al., “Improving Neural Networks Classification through Chaining” Conference Paper, Sep. 2012, available from Research Gate, URL <https://www.researchgate.net/publication/262161484>, DOI 10.1007/978-3-642-33266-1_36.
- Barney et al., “Message Passing Interface (MPI)”, Acquired 42/2019 URL: <https://computing.llnl.gov/tutorials/mpi/>.
- Author Unknown, “Efficient and scalable parallelism using the message passing interface (MPI) to handle big data and highly computational problems.” GitHub—Acquired Apr. 11, 2019 URL: <https://github.com/dalerober/pypar>.
- Author Unknown, “Introduction—MPI for Python 3.0.1 documentation” Acquired Apr. 2, 2019 URL: <https://mpi4py.readthedocs.io/en/stable/intro.html>—pp. 1-4.
- Miller., “MPI Python” last updated Apr. 17, 2013 URL: <https://sourceforge.net/projects/pypmpi>.
- Author Unknown, “Mono—Languages” 2019 Mono Project—URL: <https://www.mono-project.com/docs/about-mono/languages/>—pp. 1-5.
- Author Unknown, “Integration with other languages” Root—A Data Analysis Framework—Acquired Mar. 10, 2019 URL: <https://root.cern.ch/integration-other-languages>—1 page.
- Author Unknown, “Is it possible to combine programming languages?” Software Engineering Stack Exchange—Acquired Mar. 10, 2019 URL: <https://softwareengineering.stackexchange.com/questions/137165/is-it-possible-to-combine-languages>—pp. 1-13.
- Author Unknown, “Can I link or execute a Python code with other languages?” Research Gate—Posted Jun. 6, 2017—URL: https://www.researchgate.net/post/Can_I_link_or_execute_a_Python_code_with_other_languages—pp. 1-7.
- Author Unknown, “Using Python as glue” The Scipy community. Last updated: Jun. 10, 2017 URL: <https://docs.scipy.org/doc/numpy-1.13.0/user/c-info.python-as-glue.html>—pp. 1-19.
- Author Unknown, “The Perils of Mixing Paradigms” agiledeveloper—Acquired Mar. 10, 2019—URL: <http://blog.agiledeveloper.com/2013/09/the-perils-of-mixing-paradigms.html>—pp. 1-7.

(56)

References Cited

OTHER PUBLICATIONS

Intersimone., "Once More Into the Code-Polyglot Programming—development in multiple languages" *Computerworld*—Nov. 3, 2009—URL: <https://www.computerworld.com/article/2467812/polyglot-programming-development-in-multiple-languages.html>—pp. 1-6.

Singhania., "Is it possible to intermix language?" *SoloLearn*—Mar. 18, 2018—URL: <https://www.sololearn.com/Discuss/1151537/is-it-possible-to-intermix-language>—pp. 1-4.

Author Unknown, "How do multiple languages interact in one project?" *Stack Overflow*—Mar. 11, 2009—URL: <https://stackoverflow.com/questions/636841/how-do-multiple-languages-interact-in-one-project>—pp. 1-9.

Author Unknown, "2 Programming Languages" *Unity*—Feb. 18, 2014—URL: <https://answers.unity.com/questions/643333/2-programming-languages.html>—pp. 1-3.

Author Unknown, "Mixin" *Wikipedia*—Acquired Mar. 10, 2019 URL: <https://en.wikipedia.org/wiki/Mixin>—pp. 1-10.

Author Unknown, "Mixing Languages" Acquired Mar. 10, 2019 URL: <http://www.cb1.com/~john/thesis/chapters/mixed-languages.html>—pp. 1-12.

Gunasekaran., "Component-based application development using a Mixed-Language Programming (MLP) approach" Thesis—Virginia Polytechnic Institute and State University—Dec. 2003.

Parkinson & Shulman., (2005). *Putting the Pieces Together—The Promise of Mixed Language Programming*. *Dedicated Systems Magazine*.

Author Unknown, "How to Become Skilled at Learning Programming Languages" *wikiHow*—Acquired Mar. 10, 2019 URL: <https://www.wikihow.com/Become-Skilled-at-Learning-Programming-Languages>—pp. 1-4.

Mueller., "Embracing the Four Python Programming Styles" *New Relic*—Aug. 27, 2018—URL: <https://blog.newrelic.com/engineering/python-programming-styles/>—pp. 1-6.

Van Rossum., "Glue It All Together With Python" *Workshop on Compositional Software Architecture*—Jan. 6-8, 1998 URL: <https://www.python.org/doc/essays/omg-darpa-mcc-position/>.

Author Unknown, *Integrating Python With Other Languages—Python Wiki*—Acquired Mar. 10, 2019—<https://wiki.python.org/moin/IntegratingPythonWithOtherLanguages>—pp. 1-5.

Author Unknown, "Mixing Java and Kotlin in one project" *Kotlin Programming Language*—Sep. 23, 2014—URL: <https://kotlinlang.org/docs/tutorials/mixing-java-kotlin-intellij.html>—pp. 1-3.

Bussonier., "Cross Language Integration—Jupyter and multiple languages" Acquired 03/10/210 URL: <https://matthiasbussonnier.com/posts/23-Cross-Language-Integration.html>—pp. 1-17.

Yaw., "How can you integrate two programming languages in one environment?" *ResearchGate*—Acquired Mar. 10, 2019 URL: https://www.researchgate.net/post/How_can_you_integrate_two_programming_languages_in_one_environment.

Author Unknown, "Mixed-Language Programs" Acquired Mar. 10, 2019 URL: <http://www.cs.uwm.edu/classes/cs315/Bacon/Lecture/HTML/ch16s02.html>—pp. 1-3.

Author Unknown, "How to mix C and C++" Acquired Mar. 10, 2019—URL: <https://isocpp.org/wiki/faq/mixing-c-and-cpp>—pp. 1-13.

Author Unknown, "What other Language synergizes well with Python? Need Advice [closed]" *Stack Overflow*—Acquired Mar. 10, 2019—URL: <https://stackoverflow.com/questions/3255925/what-other-language-synergizes-well-with-python-need-advice>.

Author Unknown, "Mixing Languages in Language Environment" *IBM*—Acquired Mar. 10, 2019—URL: https://www.ibm.com/support/knowledgecenter/en/SSGMCP_5.2.0/com.ibm.cics.ts.applicationprogramming.doc/topics/dfhp3_langenv_mixing.html—pp. 1-5.

Kugele et al., "Mapping Data-Flow Dependencies onto Distributed Embedded Systems", 2008; pp. 1-7.

Liu, D., et al., "Data-flow Distribution in FICAS Service Composition Infrastructure", 2002, pp. 1-6.

Iyer, et al., "A Method to Determine the Required Number of Neural-Network Training Repetitions", *IEEE* 2, Mar. 1999, pp. 1-6.

Author Unknown, "Google Kubernetes Engine (GKE) Reviews Product Details" *G2*—Retrieved Feb. 10, 2020. URL: <https://www.g2.com/products/google-kubernetes-engine-gke/reviews>.

Author Unknown, "Concepts" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/>.

Author Unknown, "Concepts Underlying the Cloud Controller Manager" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/architecture/cloud-controller/>.

Author Unknown, "Container Environment Variables" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/containers/container-environment-variables/>.

Author Unknown, "Container Lifecycle Hooks" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/containers/container-lifecycle-hooks/>.

Author Unknown, "Controllers" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/architecture/controller/>.

Revell, Matthew., "Introduction to container orchestration: Kubernetes, Docker Swarm and Mesos with Marathon" *Exoscale*—Retrieved Feb. 10, 2020 URL: <https://www.exoscale.com/syslog/container-orchestration/>.

Author Unknown, "Master-Node Communication" *Kubernetes*—Retrieved Feb. 10, 2020 URL: <https://kubernetes.io/docs/concepts/architecture/master-node-communication/>.

BudiHartoTanrim Tan, *Budicon_files_1*, Jun. 12, 2017, *iconfinder.com* (online), accessed Aug. 3, 2020, available at: <https://www.iconfinder.com/iconsets/budicon-files-1>.

Wijaya, Royyan files-line, Dec 17, 2017, *iconfinder.com.pdf* (online), accessed Aug. 3, 2020, available at: <https://www.confunder.com/iconsets/files-line>.

* cited by examiner

