
Charles Gabriel Foust

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Academic Background

Ph.D. Computer Science, Texas A&M University, College Station, Texas, 2016
M.S. Computer Science, University of Texas at Austin, 2003
B.S. Computer Science and Mathematics, Harding University, 1998

Work Experience

Academic Experience

Instructor, Computer Science, Harding University, 2004 – present
Teaching Assistant, University of Texas at Austin, 2002-2003
Teaching Assistant, Texas A&M University, 2012-2013

Professional Experience

Consultant, ArcBest Technologies, 2023
Consultant, Essex Management (National Cancer Institute), 2018-2020
Consultant, ABC Financial, 2006-2010
Software Engineer, Servergraph, 2003-2004
Software Engineer, IBM, 1998-2002

Publications

Gabriel Foust, Jaakko Järvi, Sean Parent. “Generating reactive programs for graphical user interfaces from multi-way dataflow constraint systems.” Proceedings of GPCE’15, pages 121–130, New York, NY, USA, 2015. ACM.
Jaakko Järvi, Gabriel Foust, Magne Haveræen. “Specializing Planners for Hierarchical Multi-way Dataflow Constraint Systems.” Proceedings of GPCE’14, pages 1-10, New York, NY, USA, 2014. ACM.
John Freeman, Jaakko Järvi, Gabriel Foust. “HotDrink: a library for web user interfaces.” *Proceedings of GPCE’12*, pages 80-83, New York, NY, USA, 2012. ACM.

Presentations

Gabriel Foust. “Amicable Pairs in Parallel – a Nifty Assignment.” *Consortium for Computing Sciences in Colleges Mid-South Conference*, March 2010

Services

Regional Judge, ACM International Collegiate Programming Contest, Mid-Central Region, 2009 – 2012
Programming Team Coach for Harding University, 2017 – Present