CURRICULUM VITAE

TYLER MORROW

CONTACT INFORMATION

Missouri University of Science and Technology (formerly University of Missouri-Rolla)
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Rolla, MO 65409
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EDUCATION

6/2014–5/2016   M.S. in Computer Science (in progress) (GPA: 3.6)
                 Missouri University of Science and Technology, Rolla, MO
                 Advisors: Professor Ali Hurson and Professor Sahra Sedigh Sarvestani

8/2009–5/2014   B.S. in Computer Science (GPA: 3.2)
                 Missouri University of Science and Technology, Rolla, MO

RESEARCH INTERESTS

Pervasive computing, mathematical modeling, recommender systems, search technologies, personalized learning technology.

HONORS AND AWARDS

2014-2015   Department of Education GAANN Fellowship for doctoral educational in information assurance for critical infrastructure; covered all costs of education and provides up to $30,000 per year of stipend.

2014   International Telemetry Conference: First Place Award for Undergraduate Student Papers

WORK EXPERIENCE

8/2015–5/2016   Graduate Teaching Assistant
Contemporary Programming Languages (Spring 2016)
Intro to C++ Lab (Fall 2015)
Missouri S&T Computer Science Department
Rolla, Missouri

6/2009–5/2014   Staff Assistant
Missouri S&T Computer Science Department
Rolla, Missouri

6/2013–8/2013   Process Automation Intern
Designed and implemented a delay tracking system and redesigned eight desktop applications for production line operators to better monitor steel production.
ArcelorMittal USA
Burns Harbor, Indiana

1/2012–8/2012   Programming Intern
Designed and implemented a web application (ASP.NET) for business people to better monitor power plant status.
Associated Electric Cooperative Inc.
Springfield, Missouri

6/2011–8/2011   Programming Intern
Designed and implemented a task management solution for power plant maintenance crews.
Associated Electric Cooperative Inc.
Springfield, Missouri

6/2010–8/2010   Residential Assistant
Missouri S&T Residential Life Department
Rolla, Missouri

6/2010–8/2010   Networking Intern
Stuart Maue Ltd.
St. Louis, Missouri

6/2009–8/2009   Networking Intern
Stuart Maue Ltd.
St. Louis, Missouri

Publications

1. T. Morrow, A. Hurson, and S. Sedigh Sarvestani, "Cyberinfrastructure for personalized education," in *Handbook of Applied Learning Theory and Design in Modern Education*, E. Railean, G. Walker, L. Jackson, and A. Elci, Eds. IGI Global, 2015, to appear.

2. T. Morrow, "A context-aware ontology for personalized learning: Pervasive computing for educational technology," in *Proceedings of the 8th Annual Ph.D. Forum on Pervasive Computing and Communications, at the 13th IEEE International Conference on Pervasive Computing and Communications (PerCom 2015)*, St. Louis, MO, Mar. 2015.

3. T. Morrow and K. Kosbar, "A modular and extensible user interface for the telemetry and control of a remotely operated vehicle," in *Proceedings of the 50th Annual International Telemetering Conference (ITC 2015)*, San Diego, CA, Oct. 2014.

Select Courses

1. Network Performance Analysis

2. Markov Decision Processes

3. Combinatorics

4. Regression Analysis

5. Algorithms II

6. Databases II

7. High Performance Computer Architecture

Technologies

The following list shows technologies with which I have experience (worth mentioning) based on familiarity in descending order.

C# (ASP.NET MVC, WPF, Visual Studio), C++, Git/TFS, SQL, HTML/CSS/JavaScript, Java, Python, MATLAB, R, PHP, Go