

Jay DeStories

Contact

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Web/Handles

jwde.github.io
Github: jwde
StackOverflow: jwde

EDUCATION

Tufts University School of Engineering, Medford, MA

Master of Science: Computer Science

Expected May 2017

Bachelor of Science: Computer Science

Expected May 2017

GPA: 3.8, Dean's List all semesters

Relevant Coursework: Web Engineering, Machine Structure and Assembly Language, Programming Languages, Operating Systems, Computation Theory, Networks, Computer System Security, Visualization, Machine Learning, Natural Language Processing, Statistical Pattern Recognition, Cryptography

EXPERIENCE

TripAdvisor, Needham, MA

Summer 2016

Software Engineering Intern, Core Commerce Team

- Automated tasks, improved interfaces, and implemented auditing systems in Ruby on Rails.
- Developed system for logging user interaction habits in Java.

Tufts University Computer Science Department

Fall 2015

Teaching Assistant, Operating Systems

- Helped students one-on-one in office hours

Teradyne, North Reading, MA

June 2014 – August 2015

Software Engineer Co-op, Semiconductor Test Division

- Implemented driver language, monitoring tool, and code-generation tools using C#, C++, and WPF.
- Developed engineering process tools for code-counting, and code-review.

Fairfield Auction, LLC, Monroe, CT

2009 – 2013

IT, Web Developer, Internet Bidding Clerk, Customer Check-out, Photographer

- Redesigned, built, and maintained *fairfieldauction.com*

SKILLS

Programming Languages: Java, Python, Javascript, C, C++, C#, Ruby

Technologies: HTML5, CSS, jQuery, Ruby on Rails, Django, Node.js, PostgreSQL, Memcached, WPF, Semantic-UI, Bootstrap, Heroku, Amazon Web Services, L^AT_EX

Software: Git, Subversion, Clearcase, Vim, GNU Debugger, IntelliJ, Visual Studio

AWARDS

TripAdvisor Programming Challenge

September 2015

- Won first place for Tufts University.
- Wrote graph-related algorithms with best performance, correctness, design, and maintainability under time constraints.

PROJECTS

- Applied n-gram and hidden Markov models to password recovery and strength estimation.
- Correlated speech content to political affiliation using naive Bayes, ID3, and random forest models.
- Built a web proxy that fills in missing alt text on images using Google reverse image search.
- Built and deployed an image sharing and real-time discussion website on a team.