Tyler Caldwell
38 Anawan Street, Brockton MA | (508) 208-2545 | tylercaldwell217@gmail.com
github.com/tylercaldwell | tylercaldwell.com | linkedin.com/in/tbcaldwell

EXPERIENCE

Software Engineer | *Wayfair* | *June 2016 - Present*
• Full-stack web developer on the SEO engineering team
• Developed a sweepstakes giveaway promotion system front & back end
• Improved the way URLs are generated and stored for all seven million products

Intern | *Systems Analysis* | *Fidelity Investments* | *May 2015-August 2015*
• Developed problem management techniques for estimating the cost of IT service incidents
• Collaborated with a team developing an AngularJS frontend for Fidelity financial planners and their clients in the Fidelity Global Hackathon
• Created a slide deck for use at a national IT service management conference

Intern | *Trade Processing* | *State Street* | *September 2014 - January 2015*
• Processed domestic trades, specialized in investigating and revising failed trades

Intern | *Global Income & Tax (Asset Servicing)* | *Bank of New York Mellon* | *May 2014-August 2014*
• Processed tax reclaims and income events pertaining to Danish securities for international clients

SKILLS

Programming & Development
PHP, Javascript, SQL, HTML, CSS, Java, Python, C, Scala, R, Node.js

Other Technical
Android, Sensors, Git, Unix

EDUCATION

University of Massachusetts, Amherst: Commonwealth Honors College | *May 2016* | *GPA: 3.8*
• B.A. Computer Science, B.A. Economics, Political Science Minor, Dean's List 8/8 semesters
• Commonwealth honors scholar with greatest distinction
• Governor of North Residential Area

Relevant Coursework
Data structures, programming methodology, systems principles, discrete math, algorithms, software engineering, logic (graduate coursework), web programming, usability, mobile health sensing, information systems (honors), game theory, econometrics, calculus, methods of applied statistics (graduate coursework)

ACADEMICS

REU | *Machine Learning for Mobile Health and Wellness* | *May 2015-May 2016*
• Utilized machine learning methods to detect the use of alcohol through streaming sensor data from a smart watch to a smart phone, culminating in an undergraduate honors thesis project

Grader | *CS 250: Discrete Math* | *UMass School of Computer Science* | *September 2015-December 2015*
• Graded assignments for a course with a focus on logic, number theory, computability
• Led discussion of 40 students

Grader | *CS 230: Systems Principles* | *UMass School of Computer Science* | *January 2015-May 2015*
• Graded and provided feedback on student projects for a course focusing on C and UNIX programming