TYLER P. WALKER

Software Engineer | twalkerweb@gmail.com | (206) 940-6756 | www.codertwalker.com

Education

Washington State University | *August 2012 – Current*
Bachelor of Science, Computer Science
Expected Graduation: December 2017

Technical Competencies

Programming Languages: *C/C++, C#, Python, Bash, Ruby, Java, SQL, JavaScript, Go, Lisp/Scheme.*
Frameworks and Tools: *Git, Flask, Angular, RabbitMQ, PostgreSQL, Nginx, Docker, Travis-CI, Jenkins*

Work Experience

Goldman Sachs, Jersey City, NJ
Summer Technology Analyst, Human Capital Management Technology
June 2017 – August 2017
- Engineered a product to digitize, automate, and provide analytics for hiring of software engineers firm wide.
- Developed an application using Java and AngularJS that tracks and manages information related to hiring candidates across the firm previously unmanaged by any formal technical procedures.
- Served as a project manager assigning tasks to team members and communicating with stakeholders.

Goldman Sachs, Jersey City, NJ
Summer Technology Analyst, Human Capital Management Technology
June 2016 – August 2016
- Served as lead on a team of 4 interns; communicating progress with managers as well as task management.
- Developed a web application using Java and Angular to register visitors across the firm's 63 global offices.
- Minimized technical risk by engineering an online self-service web application using Angular, Java as well as other firm proprietary platforms and tools. Replacing manual SQL queries on production databases.

Washington State University, Pullman, WA
Technical Assistant III | Center for Advanced Studies in Adaptive Systems (CASAS)
February 2015 – Current
- Collaborated with senior design teams on real-time data visualization/dashboard engines using RabbitMQ.
- Developed an Amazon Alexa skill to provide users with the ability to ask real-time questions about residents living in the smart homes around the world regarding basic behaviors such as sleeping, eating, and hygiene.

Washington State University, Pullman, WA
Technology Assistant III | School of Electrical Engineering and Computer Science (EECS)
June 2014 – November 2016
- Served as a teaching assistant for *Introduction to Data Structures* (C/C++) and entry level coding (Python).
- Engineered a Ruby on Rails quiz application to assess a student's strengths for course recommendations.
- Developed an application using Python Qt for USDA researchers investigating antibiotic resistance data.

Community Service and Leadership

Computer Security Group of WSU | *Former Executive Chair*
InfoSec Unlocked, 501c3 | Co-*Founder & Board Member*
Flash Volunteer, 501c3 | *Former Board Member & Software Developer*
Association of Computing Machinery of WSU| *Executive Chair*
Crimson Code Hackathon of WSU | *Principal Organizer & Volunteer Coordinator*
Electronic Rights Rainier, 501c3 | *Founding Board Member and Digital Privacy Policy Analyst*
President's Commission for Gender Identity and Sexual Orientation of WSU | *Former Commission Member*