

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

Work Experience

Goldman Sachs, Jersey City, NJ

Summer Technology Analyst

June 2017 – Current

- Created a web application that tracks and manages offers sent to prospective employees across the firm.
- Engineered a tool designed to provide more data and analytics in the process of hiring software engineers.

Goldman Sachs, Jersey City, NJ

Summer Technology Analyst

June 2016 – August 2016

- Served as lead on a team of four interns coordinating with managers and agile project management.
- Developed a web application using Java and Angular to register visitors across the firm's 63 global offices.
- Supported the transition from manual database queries to an online self-service web application using Angular, Java as well as other firm proprietary platforms and tools.

Washington State University, Pullman, WA

Technical Assistant III | Center for Advanced Studies in Adaptive Systems (CASAS)

February 2015 – Current

- Served as a systems administrator for the center's various application, virtualization, and database servers.
- 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.
- Collaborated with senior design teams on real-time data visualization/dashboard engines using RabbitMQ

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 Rails quiz application to assess an incoming EECS student's strengths and course placement.
- Developed an application using Python Qt for researchers at the USDA-ARS investigating antibiotic resistance.

Washington State University, Pullman, WA

Clerical Assistant II | GIESORC, LGBT+ Resource Center

August 2012 – December 2016

Community Service and Leadership

Computer Security Group | *Executive Chair*

InfoSec Unlocked | *Co-Founder & Board Member*

Flash Volunteer | *Board Member & Software Developer*

Association of Computing Machinery of WSU | *Executive Chair*

Crimson Code Hackathon | *Lead Organizer & Volunteer Coordinator*

Electronic Rights Rainier | *Founding Board Member and Policy Coordinator*

President's Commission for Gender Identity and Sexual Orientation | *Commission Member*

Programming Languages

Programming Languages: *C/C++, C#, Python, Bash, Ruby, Java, SQL, JavaScript, Go.*

Frameworks and Tools: *Git, Flask, Angular, Ruby on Rails, PostgreSQL, MySQL, Wireshark, Docker.*