

# 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 information related to hiring candidates across the firm.
- Engineered a tool designed to provide automation and data analytics to the process of hiring engineers.

**Goldman Sachs, Jersey City, NJ**

**Summer Technology Analyst**

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.
- 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.

**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.

**Washington State University, Pullman, WA**

**Technical Assistant II | GIESORC, LGBT+ Resource Center**

August 2012 – December 2016

## Community Service and Leadership

Computer Security Group | *Former Executive Chair*

InfoSec Unlocked | *Co-Founder & Board Member*

Flash Volunteer | *Former Board Member & Software Developer*

Association of Computing Machinery of WSU | *Executive Chair*

Crimson Code Hackathon | *Principal Organizer & Volunteer Coordinator*

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

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

## Programming Languages

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

Frameworks and Tools: Git, Flask, Angular, RabbitMQ, PostgreSQL, Nginx, Wireshark, Docker.