

TYLER P. WALKER

Software Developer & Leader | twalkerweb@gmail.com | (206) 940-6756

Education

Washington State University | August 2012 – Current
Bachelor of Science, Computer Science

Work Experience

Goldman Sachs, Jersey City, NJ
Summer Technology Analyst
June 2016 – August 2016

- Served as lead on a team of four technology analyst interns; focused on task assignment and timelines.
- Engineered front-end applications using AngularJS and built service end-points using a Java API suite.
- Developed internal web applications for the Office of Global Security and the Accounting Services team.

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.
- Trained and provided technical support to new employees responsible for SHiB provisioning and shipment.
- Assembled and supported the Smart Home in A Box (SHiB) research units that collect behavior-based data.

Washington State University, Pullman, WA
Technology Assistant III | School of Electrical Engineering and Computer Science (EECS)
June 2014 – November 2016

- Taught and led the sole lab section of *Introduction to Data Structures* using C/C++.
- Taught and led one lab section of *Introduction to Algorithmic Problem Solving* using Python.
- Migrated an application built for Windows that creates graphs from protein clusters to macOS.
- Created an online testing application to determine an incoming student's strengths and class eligibility.
- 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 – Current

- Created and maintained the primary websites and social media pages for the center.
- Represented the university in talks with U.S. Senator Patty Murray regarding sexual assault on campus.
- Served as a student mentor incoming students to help guide them through their first semester of college.
- Led several workshops at the Power of One LGBT leadership conference teaching leadership and activism.

Community Service and Leadership

Gender and Sexuality Alliance | *Vice Chair*
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*
Combined Community Response Team for Gender-Based Violence at WSU | *Team Member*
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.