Tyler P. Walker

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EDUCATION

Washington State University   2012- Present
  Computer Science, Bachelor of Science

Kent-Meridian High School   2008-2012

EXPERIENCE

Washington State University

Electrical Engineering and Computer Science, Pullman, Washington   2014 – Present
Research/Teaching Assistant

- Oversaw and taught three-hour labs for two separate computer science classes (Introduction to Algorithmic Problem Solving, Introduction to Data Structures). Each class had roughly twenty students.
- Worked extensively with researchers at the USDA-ARS on packaging and creating a front-end system for a DNA pattern matching algorithm.
- Investigated commercial power meters for security vulnerabilities that could impact the national power grid.
- Supported research group focusing on smart homes and adaptive environments

Washington State University   2012 – Present

Gender Identity/Expression Sexual Orientation Resource Center, Pullman, Washington
Student Technical Assistant

- Researched higher education admissions policies regarding Gender and Sexual Orientation
- Redesigned and reorganized existing website infrastructure
- Advocated for policy change

Kent School District (KSD)   2011 – 2012

Information Technology, Kent, Washington
Network Engineer Intern

- Provided customer support utilizing a ticked-based system focusing on telecommunications
- Configured and deployed Cisco switches and routers for a 600+ device L2/L3 network

Albertsons LLC.,

Front End, Renton, Washington   2010 – 2012
Courtesy Clerk/Customer Service

- Provided front end customer service (bagging, cleaning, restocking)
- Operated customer service point of sale machines for returns, exchanges and purchasing

COMMUNITY INVOLVEMENT / VOLUNTEER HISTORY

KSD: VisFest Film/Game Festival (Tech. Setup/Support, Live Video, Student Judge)   2008 – 2012
KSD: Bridging the Gap / STAR (surplus computer distribution to low income families)   2009 – 2012
KMHS: Feel the Music! (American Sign Language Student Performance)   2010 – 2011
WSU: GLBTA (LBTQ+ student group) – Vice-President   2013 – 2014
WSU: Computer Security Group – Vice-President / President   2014 – 2015
Flash Volunteer: (Startup connecting organizers with volunteers in their area)   2014 – Present
WSU: Association of Computing Machinery – President   2015 – Present

HONORS

Invited to speak on panel regarding K-12 internet filtering practices during NCEE   2012
Washington State University, President's Honor Roll   2013
Invited to speak with United States Senator Patty Murray about LGBT college issues   2015
Commission member on the President's commission   2015
Led diversity workshop at the Power of One Conference (PNW LGBT Leadership)   2015
Led diversity workshop during DefCon for LGBT support/interest group   2015