

Tyler P. Walker

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EDUCATION

Washington State University	2012- Present
<i>Computer Science, Bachelor of Science</i>	
Kent-Meridian High School	2008-2012

EXPERIENCE

Washington State University

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

- Oversaw three-hour labs for two 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 ticket-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)
- On-boarded new associates and provided other services as necessary
- 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
WSU: Association of Computing Machinery – President	2015 – Present
Flash Volunteer: (Startup connecting organizers with volunteers in their area)	2014 – 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	
Led diversity workshop at the Power of One Conference (PNW LGBT Leadership)	2015
Led diversity workshop during DefCon 23 for LGBT support/interest group	2015