

MARGARET WHEELER

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Utilize passion to excel in a wide variety of areas: web / front-end development, full stack development, data parsing, writing scripts, programming, editing and debugging code, problem solving, and so much more.

RELEVANT EXPERIENCE

ENGINEER II / SCRIPT DEVELOPER, SEAGATE TECHNOLOGY, LONGMONT, CO May 2016 – Present
Develop scripts for SIE (Systems Integration Engineering) team for Seagate, a data storage company that produces consumer hard drives and offers data storage solutions for enterprise clients. Edit and maintain test scripts under tight deadlines. Create and oversee new tests for new drive features, designing them from scratch as well as associated global library files. Use C, Jira, and Perforce. Collaborate with SIE team and other Firmware Engineers using Agile methods to accomplish goals quickly and efficiently.

- Lead/Team liaison for multiple drive features and site-wide projects. Coordinate with firmware developers and other teams to define feature/project requirements and discuss issues; complimented multiple times by management for efficiency and communication abilities.
- Develop tests for new drive features as defined by feature or project requirements; Maintain functionality of new and existing test scripts and update as needed.
- Created parser to output drive data in buffer in a legible, easy to read format
- Team Website administrator; Migrated old site to Google sites and redesigned new layout; Maintain new website as needed
- Utilized resourceful mindset to navigate in-house custom coding language and tools; solved problems with little to no documentation and syntax. Recognized by management for passionately pursuing answers on own.
- Discovered and solved issues to reduce consumer returns, saving company time and money.
- Attend meetings to represent SIE for various firmware features, collaborating with team reps across firmware organization to discuss issues and code bugs.
- Mentored intern, becoming go-to person for questions on tools and systems.

FIELD DIAGNOSTICS INTERN, SEAGATE TECHNOLOGY, LONGMONT, CO May 2015 – August 2015
Assisted Field Diagnostics team. Created a Hypervisor virtual machine setup utilizing Xenserver and a Python script to auto-compile team git repository nightly. Added an extra feature to email the team if the code compiled. Earned a 4 / 5 rating and excellent verbal feedback from management upon ending the internship.

NETWORK INTEGRATION SYSTEMS AND TEST CO-OP, ALCATEL-LUCENT, PLANO, TX January 2014 – May 2014
Ran automated tests for IPTV set top boxes and AT&T U-Verse network.

WEB ENGINEER, INJURY CLINIC OF DALLAS, RICHARDSON, TX June 2013 – October 2013
Maintained and improved website using CSS, HTML, and WordPress. Developed test server for experimentation and analysis. Designed and implemented online store. Created polished theme and easier-to-read layout.

JUNIOR SOFTWARE DEVELOPER, SAIC/NASA ELLINGTON FIELD, HOUSTON, TX June – August 2012
Ported over ASP-based code to work with various pieces of software on intranet site, collaborating with software development team, including database manager and webmaster. Ensured site necessary to pilots and staff of Aircraft Operations Division functioned with newer software, including Visual Studio 2008, SQL Server 2008, IIS7, and Microsoft Reporting Services.

IT SUPPORT INTERN, REYNOLDS AND REYNOLDS, HOUSTON, TX June – August 2011
IT SUPPORT INTERN – ASTRONAUT OFFICE, SAIC/NASA JOHNSON SPACE CENTER, HOUSTON, TX June – August 2008

EDUCATION, MEMBERSHIPS, AND SKILLS

M.S., COMPUTER SCIENCE, The University of Colorado at Boulder, Boulder, CO May 2016
B.S., COMPUTER ENGINEERING, The University of Texas at Dallas, Richardson, TX May 2014
STUDY OF IRISH CULTURE, The University of Limerick, Limerick, Ireland August 2010 – May 2011

CU WOMEN IN COMPUTING (UNIVERSITY OF COLORADO) – Graduate Representative
SOCIETY OF WOMEN ENGINEERS – Member

Python | Javascript | C / C++ | XenServer / Hypervisor | Git | Perforce | Jira | Agile Methods |
Bootstrap | JSON / MongoDB | CSS | HTML | Linux | WordPress | Heroku