

Seeking an opportunity to apply my knowledge of Agile development and my passion for finding creative solutions to technical problems. Bringing 6 years of industry experience with a specialty in testing and full-stack web development, along with a love of teamwork and a desire to learn.

Professional Experience

Software Test Engineer

Cray, Inc. (*Acquired by Hewlett-Packard Enterprise, 2019*)

January 2016 – Present

- Worked on feature and system testing, running scripts in parallel using internally developed testing harness
Utilized: Bash, Python, Perl, SLURM, SLES12/15
- Developed internal tools including full-stack web application to show test results
Utilized: Python, C, C++, JavaScript, AngularJS, PHP, JQuery
- Participated in new hardware validation and system testing efforts
Utilized: C, Bash, Python, SLES15
- Assisted in creation of automated test pipeline and worked on feature updates as machine configurations change
Utilized: Jenkins/Cloudbees, Bash, Python, Docker, Kubernetes
- Mentored interns and assisted with interviews of new employees
- Participated in Agile-based development cycle
Utilized: JIRA, Stash, Confluence

Software Engineering Intern

Cray Inc.

June 2015 – December 2015

- Created an internal web application to display testing status for engineers and managers using API and internal artifacts store interface to retrieve information
Utilized: PHP, AngularJS, HTML5/CSS3, Jenkins, REST APIs, Git

Software Engineering Intern

Maverick Software Consulting

November 2014 – May 2015

- Software development position doing full-stack web development on an internal API testing application for Thompson Reuters
Utilized: REST APIs, Eclipse IDE, Stylus, CoffeeScript, Node.js, Apache/Tomcat Server, Oracle Database

Technology Help Representative

University of Minnesota IT

May 2014 – November 2014

- Student IT position working phones, emails, and in-person walk-in location
- Taught end users to navigate computer systems
- Contributed to knowledge base articles

Relevant Skills

Languages & Scripting

Python, Bash, JavaScript (CoffeeScript/TypeScript), HTML5, CSS3 (Sass/LESS/Stylus), PHP, C, C++, Perl, C#

Web Frameworks

Angular, Django, Bootstrap, jQuery, Node.js, Flask, React

Virtualization & Containers

Docker, Kubernetes, VirtualBox, OpenStack, VMWare

Databases

SQL (MySQL, SQLite, SQL Server), MongoDB

Methodologies

Agile, full stack web development, CI/CD, object oriented programming, software integration, test triangle, REST APIs, test automation

Operating Systems

MacOS (Snow Leopard+), UNIX/Linux (Ubuntu, SUSE/SLES, CentOS), Windows (XP/Vista/7/8/10)

Other Technologies

Jenkins, Git, JIRA, Confluence, Stash, Heroku, PyCharm, Eclipse, NetBeans, Visual Studio Code, Wireshark

Interpersonal Skills

Communication, Teamwork, Adaptability, Creativity, Public Speaking, Mentoring

Education

B.S., Computer Engineering

University of Minnesota
Fall 2012 – Fall 2015

Professional Scrum Master I

Scrum.org – November 2018