

Ryan Alexander Medlyn

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Seeking software development employment or internship

EDUCATION

Bachelor of Computer Science Candidate
Utah State University, Logan, UT

Expected: May 2020
3.65 GPA

EXPERIENCE

Student Developer

February 2017 - Present

Utah State University IT, Networking Department

Logan, UT

- Responsible for maintaining and adding functionality to in-house and open-source network monitoring web applications
- Implemented and enhanced network visualization using dynamic config generation and modern CSS (flexbox)
- Updated network monitoring applications to latest version of Django and Python
- Reduced 5MB/minute JavaScript memory leak in open-source network monitoring tool by 50%
- Expanded backend REST API for in-house network monitoring software using Django Python

Web Development Intern

May 2016 - August 2016

FamilySearch.org

Salt Lake City, UT

- Worked on a diverse team of backend, frontend, and testing engineers
- Fixed defects, added functionality, and improved performance in a large codebase of Javascript, AngularJS, jQuery, Node.js, Express, CSS, and HTML files
- Developed in a test-driven Agile/Scrum development cycle with a Continuous Delivery deployment pipeline
- Refactored code and triaged defects for a major site-wide database cutover

Volunteer Church Representative

November 2012 - December 2014

Non-Profit Organization

Tokyo, Japan

- Managed hardware updates and area WordPress installation, serviced laptops (hardware/software), and provided basic web development as area-wide tech staff for a five month period
- Practiced effective communication and interpersonal skills by: teaching English every week to classes of 5-15, explaining personal beliefs to others in their native language while seeking to understand their beliefs, and working with local church leaders

RELATED SKILLS

Programming Languages: JavaScript, HTML5/CSS3, Python, C++17

Web Frontend Technologies: JQuery, Polymer, AngularJS(1.0), Bootstrap

Web Backend Technologies: Django Python, REST API, Node.js

Software Engineering: Agile, Continuous Integration, Scrum, Version control

Software: Git, VisualStudio, NPM, Microsoft Office

Other: Conversational Japanese

EXTRA-CURRICULAR ACTIVITIES

Campus-wide Event - *Humans vs. Zombies*

Spring 2012 - Fall 2012; Fall 2015 - Spring 2017

- Taught and trained club members on leadership, team dynamics, and rules
- Planned and implemented regular events for club members
- Planned and implemented nightly activities for week-long event involving over 200 students
- Monitored and interacted with students, resolving disputes, during the activities