

Alex Larsen

Software Engineer

Currently seeking a part-time software engineering position or internship.

VOLUNTEER EXPERIENCE

UVU Software Development Club / President (uvudevclub.org)

December 2018 - Present, Orem, UT

- Coordination of hackathons and presentations on campus
- Regular presenter on Javascript, version control, and application security

EXPERIENCE

Legrand USA / Software Engineering Intern (legrand.us)

April 2018 - Present, Orem, UT

- Internet of Things development
- API Development and Maintenance

Utah Valley University / Software Engineer (uvu.edu)

December 2018 - Present, Orem, UT

- Lead web application development
- Design and implement RESTful APIs

Bluehost / Quality Engineer (bluehost.com)

March 2017 - August 2018, Provo, UT

- Tested and deployed software to clustered production systems
- Developed utility script to manage merges across many git repositories/branches
- Created automated test scripts with Watir, Selenium-Webdriver, and Rspec

The Church of Jesus Christ of Latter Day Saints / Full Time Representative

January 2015 - January 2017, Morristown, NJ

- Migrated legacy map software to cloud infrastructure
- Worked 60+ hour weeks presenting curriculum, volunteering in community service, mentoring junior colleagues, and leading groups of 6-8 volunteers

Techcye / Software Engineer (techcye.com)

June 2014 - December 2014, Orem, UT

- Developed UI and database interactions (web application in Ruby on Rails)
- Read data from internal machine learning software and displayed to user
- Designed and implemented schema migrations for relational database tables

Discovery Space Center / Web Application Developer (discoveryspacecenter.com)

January 2014 - June 2014, Pleasant Grove, UT

- Designed and programmed internal web application to track repeat customers

PREVIOUS INTERNSHIPS

Morinda Inc. / Web Development Intern (morinda.com)

BetterLinux / Web Development Intern

Summer 2012 & 2013

- Website Maintenance and Development in HTML, JavaScript, CSS, and Perl

EDUCATION

Utah Valley University

August 2018 - Present Orem, UT

- Pursuing Bachelor of Science Computer Engineering

github.com/alex0112

(385) 626-9739

alarsen0112@gmail.com

SKILLS

Ruby, Ruby on Rails, Git, ReactJS, NodeJS, Agile/Scrum, TDD/BDD, RSpec, HTML, CSS, Bootstrap, Javascript, REST, APIs, Redis, ActiveRecord, MySQL, Python, Perl, Linux

PERSONAL PROJECTS

Yggdrasil

Web application: accepts a Wikipedia URI and creates a visual graph of referenced articles. Rails 5 API and ReactJS front-end client. (wiki-tree.herokuapp.com)

Wiki-Yggdrasil

Ruby Gem: Scrapes wikipedia articles and recursively generates a tree of all child articles (github.com/alex0112/wiki-yggdrasil)

Haversack

Ruby Gem: object-oriented abstraction of a knapsack (github.com/alex0112/haversack)

Infocoin

Ruby Gem: Calculate cryptocurrency gains and losses using the coinbase API (github.com/alex0112/infocoin)

Mappy

Perl Script: translates Delorme Street Atlas+ files into KML for use in Google Maps (github.com/alex0112/mappy)

