

Luke Schaefer

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SUMMARY

I'm a developer looking for opportunities to grow in and around the Seattle area. I like to build (and sometimes break) stuff! Check out my projects at my website for some examples.

EXPERIENCE

Web Content Specialist

Robert Half, October 2018-January 2019 (Contract)

- Ensured content parity across languages and regions on Holland America's website
- Used Selenium and created Python-based object-oriented programs to save 20+ man-hours of work, later incorporating it into a full-stack application even non-technical coworkers could use

Web Development Intern

UW Genomics Noble Lab, September 2018-Present

- Introduced D3 to the MEME suite, solving the issue of some programs not producing publication-quality assets

Web Developer/HTML Content Specialist

Adecco, March 2018-June 2018 (Contract)

- Helped port Fluke Biomedical's website from Microsoft CMS 2002 to Drupal
- Used HTML5 and CSS3 for touch ups and printability
- Automated some of the porting with Python, HTML Scraping/Reworking across hundreds of files
- Used Drupal to serve and maintain HTML content, taxonomy/view creation, theme editing
- Used JQuery and DOM manipulation to add some functionality

Web Development (Earned Certificate)

Seattle University, September 2016-August 2017

- Used AngularJS to learn API consumption, Single Page App creation, Document Object Model manipulation, node, Model View Controller/Whatever
- Used Django to learn RESTful API creation, Templating, REST framework, CMS Creation, Database interaction, CRUD
- Went from zero to hero in JavaScript with JQuery, HTTP Requests, event handling, conditionals, validation, asynchronous request handling (callback functions)
- Used HTML and CSS to push skills in design and layout
- Used Analytics, Design Goals, Events, A/B testing, W3C Accessibility Standards, and Wireframing(wireframe.cc) to become a better designer and developer

EDUCATION

Seattle University

Web Development — 2016-2017

University of Washington

Major: General Biology — 2010-2015

SKILLS

- WebDev - HTML, CSS, JS - [Advanced Selectors, DOM Manipulation, Templates](#)
- Frameworks (AngularJS, Django, React/Vue) - [Single Page WebApps, Backend \(incl. SQL\), API](#)
- Programming (JS, Python) - [Server/Client Side, Storage, Package Creation, OOP](#)
- Testing/Scraping (Python) - [Selenium, urllib2, BeautifulSoup4](#)
- API Integration - [Creation, Consumption, Representation in the DOM](#)
- Runtime environments (NodeJS, virtualenv, virtual machines) - [Databasing, NPM, Pip, Serving](#)
- Site hosting (VPS, Apache2) - [Hosting on Linux server, Access Control](#)
- User Testing - [A/B Testing, Goals, Events, other features of Google Analytics](#)
- GIMP - [Wireframing/demoing, Logo creation, Information Architecture](#)
- Agile Workflow - [Scrum, Jira, Confluence](#)