

Skills

Programming // Python, Java, C/C++, Objective-C, PHP

Web Dev // HTML/CSS, JavaScript, AngularJS, Laravel, Node.js, SQL

Operating Systems // Linux (Ubuntu), Windows, OSX

Tools // Bash, Git, Xcode, Eclipse, Photoshop CS6, Illustrator CS6

Experience

Favor // *Software Engineer*

JUN 2014 – NOV 2014

- Utilized a LAMP stack plus technologies (Laravel, AngularJS) to develop internal APIs
- Supported the development team by planning, designing, and writing internal tools
- Participated with the development team in morning SCRUMs and daily meetings

Wahooly, Inc. // *Product Engineer*

AUG 2012 – FEB 2013

- Used MVC patterns in Flask, a Python web framework
- Wrote backend code corresponding to features in the user comment/thread system
- Designed a Python wrapper for Elasticsearch to collect analytics from social media

Intel Corporation // *Internal Support Engineer*

SEP 2011 – JAN 2012

- Maintained and updated the information of an internal web portal
- Worked in the .NET framework (C#) to enhance features of an online file system

Rockwell Automation // *Software Engineering Intern*

SUMMER 2011

- Collaborated with chemical engineers to assist with automating data collection
- Used VBA in Excel and Python to create automated status reports

Projects

Processing Sketches // *Generative Art & Visualizations*

- Created algorithm visualizations using the Processing framework
- Focused heavily on interaction design

BioFlot // *RNA Folding Research Project*

- Used dynamic programming to procedurally fold RNA primary sequences
- Rendered 2D visualization using a JavaScript plotting API

Quadros Alpha // *Android Mobile Phone Application*

- Spatial memory game involving a $n \times n$ matrix
- Includes increasingly challenging levels and a progression chart

Education

University of Texas at Austin // *B.S., Computer Science // B.A., Linguistics*

SPRING 2014

- Unique Coursework: Natural Language Processing, Computational Biology, Compilers, Software Engineering, Computer Architecture, Algorithms & Complexity