Alex Ngo

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Skills

LANGUAGES
Java *(Advanced)*
Python *(Advanced)*
JavaScript *(Intermediate)*
SQL *(Intermediate)*
C *(Basic)*
Bash *(Basic)*

WEB DEVELOPMENT
HTML5 *(Intermediate)*
CSS3 *(Intermediate)*

FRAMEWORKS/LIBRARIES
AngularJS *(Intermediate)*
jQuery *(Intermediate)*
Bootstrap *(Intermediate)*
D3.js *(Basic)*

TOOLS
Eclipse *(Advanced)*
Git *(Intermediate)*
Brackets *(Intermediate)*
PyCharm *(Intermediate)*
jGRASP *(Intermediate)*
Vim *(Basic)*

OPERATING SYSTEMS
Windows *(Advanced)*
Linux *(Basic)*

SOFT
Team Player
Desire To Learn
Quick Learner
Takes Initiative
Problem Solving

Objective

A junior studying Informatics with experience in Java, Python, and JavaScript programming seeking a software development internship.

Education

University of Washington • Seattle • WA *Anticipated Graduation: June 2016*
Junior

- Major: Informatics
- Cumulative GPA: 3.67
- Dean's List (6 Quarters)

Projects

Everything Sports *(Oct 2014 - Dec 2014)*
Web Application • AngularJS, JavaScript, Python,HTML5, CSS3, D3.js

- Implemented web crawler in Python to obtain NBA player statistics from web page and export as JSON file
- Created feature using JavaScript which parses text of a fantasy team page, and extracts players to give users a sortable view of their team
- Utilized D3.js library to give users graphical way to compare multiple player's statistics using grouped bar charts

Zillow HackHousing Hackathon *(Feb 2015 - Present)*
Web Application • JavaScript, HTML5, CSS3, GoogleMaps

- Leveraged multiple APIs including Seattle Open Data, GreatSchools, and GoogleMaps to create a heat map that changes based on user values
- Led team of five, delegated tasks such as data aggregation, as well as serving as a resource to help other members
- Implemented the UI and algorithm to allow user to choose their priorities

US Census Analysis *(Jan 2015 - Present)*
Web Application • AngularJS, JavaScript, HTML5, CSS3, D3.js

- Utilized US Census APIs to obtain data, and used that information to create data visualizations, including interactive bar and donut charts using D3.js

NBA Statistics Analyzer *(Nov 2012 - Dec 2012)*
Python Application • Python

- Analyzed statistics data to examine phenomena such as hot/cold streaks, and the toll of the NBA season on player performance
- Generated visualizations representing shot locations including scatterplots and heats maps

Work Experience

Nordstrom Rack • Tukwila • WA *(July 2014 - January 2015)*
Rotating Sales and Support

- Assisted in various departments, required to learn skills quickly
- Worked with technology to improve customer experience, such as iPhones for mobile checkout and RFID guns for markdowns