

Curran K Bhatia

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Education:

University of Illinois at
Urbana-Champaign
B.S. Computer Science and
Statistics
Expected May 2018

Objective:

Seeking internship to expand
experience in Software
Engineering or Data Science.

Relevant Coursework:

Data Structures
Statistical Analysis
Probability & Statistics I
System Programming
Bioinformatics
Linear Algebra

Languages:

Java
C++
C
Python
Javascript

Tools:

Git
Unix
Biopython

Experience

Cisco Systems

Software Engineering Intern

San Jose, CA

June - August 2016

- Worked as a front-end developer for Cisco's Cloud Services Platform 2100.
- Wrote front-end features and fixed bugs for the GUI using HTML, CSS, Javascript, and jQuery; along with the frameworks Bootstrap and AngularJS.

Bleacher Report

Software Intern

San Francisco, CA

June - August 2014

- Developed a Google Chrome Application to display stories of different sports feeds in real-time, using HTML, CSS, Javascript and JQuery.
- Set up a Raspberry Pi mini-computer to display analytics on TVs.

Projects

Stock Data – Hackathon Project

Present

- Developing tools to analyze the stock market with Python and Yahoo Finance's API.
- Initially created a tool at a hackathon to find stocks that have similar correlations given a set time frame.
- Work is continued to focus on more data analysis and visualization.

Phylogenetic Trees - Bioinformatics

Spring 2016

- Part of a team that wrote a program that took inputted DNA and found other DNA similar to it in other species to create an ancestry tree, a Phylogenetic Tree.
- Completed the project in Python and using Biopython's library with three other peers.
- Wrote a Smith-Waterman Dynamic Programming Algorithm to find the best sequence alignment and sequence alignment score.

Soundia - Mobile App

Summer 2015

- Part of a team that created a mobile application that allows users to stream a song through multiple phones; built initially as a hackathon project.
- Worked in design using GIMP and Sketch, and used Unity's User Interface Builder.
- Pitched prototype of product to a large audience at AngelHack Silicon Valley 2016, and placed in the top six teams out of over sixty teams.

Activities

Enactus Project Associate

Aug 2015 - May 2016

- Worked on multiple projects involving community sustainability.
- Work included research into water filtration in foreign countries, as well as non-profit organizational strategy.

Orientation Leader

Summer 2015

- Led a group of new international students on a four-day orientation to the UIUC campus.