Curran K Bhatia

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Education

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

Languages and Tools	Relevant Coursework
Java	Data Structures
C	Statistical Analysis
C++	System Programming
Python	Bioinformatics
Javascript	Linear Algebra

Experience

Salesforce   San Francisco, CA
Software Engineering Intern   *June - August 2017*
- Working in Core Engineering as a part of Salesforce's Productivity Cloud.

Cisco Systems   San Jose, CA
Software Engineering Intern   *June - August 2016*
- Worked as a front-end developer for Cisco's Cloud Services Platform 2100.
- Added features and fixed bugs of CSP 2100, increasing functionality and usability to GUI, using HTML, CSS, Javascript, and jQuery.

Projects

Stock Data   Summer 2016 - Present
- Developing tools to analyze the stock market with Python and Yahoo Finance's API.
- Created a tool to find stocks that have strong correlations given a set time frame.
- Planned implementation is focused on data analysis and visualization - https://github.com/currankbhatia/StockData

Project Oasis – *http://cuprojectoasis.com/*   Fall 2016
- Completed a complete redesign of website from scratch.
- Worked with peer; used HTML, CSS, and AngularJS.
- Created web templates to pipeline json data into different parts of the website, based on given tags. - https://github.com/dominicle8/project-oasis_v2

Phylogenetic Trees – *Bioinformatics*   Spring 2016
- Part of a team that created a program that takes inputted DNA and finds other DNA similar to it in other species to create an ancestry tree, a Phylogenetic Tree.
- Implemented a Smith-Waterman Dynamic Programming Algorithm to find the best sequence alignment and sequence alignment score.
- Project written in Python, using Biopython library, along with NCBI's Database and BLAST Tools. - https://github.com/currankbhatia/BioProj

Activities

Enactus Project Associate   Aug 2015 - May 2016
- Worked on multiple projects involving community sustainability, including 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 of the UIUC campus.