Curran K Bhatia

(408)-802-3627

currankbhatia@gmail.com

http://curranbhatia.me/

https://github.com/currankbhatia

Education

University of Illinois at Urbana-Champaign

Urbana, IL Expected May 2018

B.S. Computer Science and Statistics

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

Experience

Salesforce

San Francisco, CA

June - August 2017

Software Engineering Intern

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.