

# Curran K Bhatia

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<http://curranbhatia.me/>

<https://github.com/currankbhatia>

## Education

### University of Illinois at Urbana-Champaign

*B.S. Computer Science and Statistics*

Urbana, IL

*Expected May 2018*

#### Languages and Tools

Java  
C  
C++  
Python  
Javascript

#### Relevant Coursework

Data Structures  
Statistical Analysis  
System Programming  
Bioinformatics  
Linear Algebra

## Experience

### Salesforce

*Software Engineering Intern*

San Francisco, CA

*June - August 2017*

- Working in Core Engineering as a part of Salesforce's Productivity Cloud.

### Cisco Systems

*Software Engineering Intern*

San Jose, CA

*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](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.