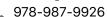
# Rohit Bandaru

Computer Engineering Student





Connect

in linkedin.com/in/rohit-bandaru

github.com/RohitBandaru

#### Relevant Coursework

\* in progress

Embedded Systems\*

Databases\* Digital Logic

Microelectronics\*

Data Structures Circuits

**Object-Oriented Programming** 

**Computer Organization** 

**Biological Engineering** 

Probability and Inference for Random Signals\*

Discrete Structures

## Skills

#### **Programming**

Python
Java
Swift/iOS
Matlab
C
SQL
UI/UX Design
Sketch
Adobe Illustrator
Adobe Photoshop
Invision

#### Biotechnology

PCR
Gel Electrophoresis
Transformation
Protein purification

#### Web Development

HTML
JavaScript
Bootstrap
CSS

# EDUCATION

o 2015 - Present (Expected May 2019)

## Cornell University- Ithaca, NY

3.69 GPA, Dean's List (All Semesters)

Bachelor of Science, Electrical and Computer Engineering Computer Science Minor, Biological Engineering Minor

0 2011 - 2015

### Chelmsford High School- Chelmsford, MA

4.08 GPA Faculty Association Award in Mathetmatics and Science

President of Math Team, Science Organization, Key Club

## **EXPERIENCE**

o January 2017 - February 2017

# Huna Makia - Santa Clara, CA

Intern

- Developed EngageApp, a mobile application built on the Huna Makia API which allows users to search the Huna Makia professional database for a professional contact to leave a ringless voicemail
- Ran extensive user testing and feedback cycles to design the app to be engaging
- Formulated ideas for further applications of the dataset after being trained in database queries and packages such as numpy, pandas, and scikit-learn
- February 2017 to Present

## Autonomous Bicycle Team - Cornell University

Software Team member

- Develop a web application to direct the bicycle by setting waypoints using the Google maps API
- Display real time data visualization to debug the autonomous bicycle
- February 2016 to Present

# Genetically Engineered Machines Team (iGEM) - Cornell University

Wet Lab, Product Development, Business subteam member

- Work to clone and test bacteriocin genes into bacterial plasmids to create a more precise and effective treatment for bovine mastitis
- Contacted 12 companies for partnership opportunities and ran a crowdfunding campaign
- Advance the project entrepreneurially by writing a business plan and performing market analysis
- Develop software and hardware to complement the biological aspect of the project
- September 2015 December 2015

#### **Green Revolving Fund** - Cornell University

Team member

- Worked in a team to technically analyze and form a proposal to upgrade Cornell's aging outdoor lighting technology with more energy efficient LED units
- Promoted the project to facilities managers to gain insights into proper implementation

# **PROJECTS**

September 2016

#### HeapSort - BigRed//Hacks F16, Ithaca, NY

- Worked in a team to develop a web and mobile application to help users know which trash items are recyclable or compostable. Used Microsoft Cognitive Services and Clarifai APIs to develop its functionality
- Implemented data analysis and visualization functionality using D3.js