Rohit Bandaru

Computer Engineering Student

Contact

✉ rb696@cornell.edu
📞 978-987-9926

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

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

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

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