

Rangaraj Tirumala

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New Brunswick, NJ

Education:

Rutgers University New Brunswick

*B.A. in Cognitive Science and Philosophy (specialization in Computer Science)
Minor in Entrepreneurship*

Class of 2019

Work Experience:

Software Engineering Intern – Eightfold AI

May 2018 – Aug 2018

- Re-designed flow for to optimize University customers Recruiting by bulk-importing resumes, CSV's and resume books to our recruitment platform
- Built a resume book parser in python which splits large (~800 page) resume books into individual resumes
-- Rolled out to 3 companies within the first 30 days of product release, replacing all of their former University Recruiting tech.
- Designed Gmail integration to automatically import resumes from users' emails using the google api

President – Cognitive Science Club

Sep 2017 – Pres

- Organized bi-yearly panel on careers in Cognitive Science with leading experts in industry and academia
- Started and teach bi-weekly Python learning group of 20 students with special guest speaker from Google Deep Brain
- Increased club attendance by over 500%

Research Assistant – Rutgers University Center for Cognitive Science (RUCCS)

Jan 2018 – Pres

- Creating automated web scraper with Selenium and AWS EC2 to collect data on spoken English
- Analyze large Corpus of language to collect information on the use of Wh- (who, what) words
- Used Python, NLTK and other NLP techniques to identify frequency of common utterances

Software Engineering Intern – Sparta Systems

May – Aug 2016

- Refactored 15-year-old Java codebase to adjust for front-end redesign
- Updated CSS codebase into LESS
- Re-designed and implemented front end of product with new UX using LESS and HTML
- Developed dev-ops tools using Salesforce and Jira to optimize incoming issues from complaints

Software Engineering Intern – Nibbly

Jun – Aug 2015

- Designed and implemented front end for Android Application
- Worked on database and API calls to populate application data

Skills:

Computer Languages

Python, Java, Scala, JavaScript, SQL, HTML

Frameworks + Technologies

CSS, LESS, Android, XML, MongoDB, Twilio, AWS, NLTK, Flask

Accolades and Projects:

Best solution to bridge on and offline experiences – GLTLove

F8 Hackathon 2018

- Worked with Facebook community leader at Facebook's conference to address her unique challenges
- Built IOS app to connect travelers with one another to gamify meeting new people
- Worked on apple ARKit to develop face recognition and matching tool in app

Facebook API Award – SXSetFinder

SXSW Hackathon 2018

- Developed FB Messenger based platform to help SXSW attendees find artists they will like based on their Spotify preferences
- Designed front end UI and built python flask back end for application

Google API Award – Aifred

Hack RU Fall 2015

- Wanted to wake up to the smell of fresh coffee in the morning!
- Used Arduino with relay to hack "Mr. Coffee" machine
- Developed companion android app to ring alarm and trigger coffee maker