

# 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 customers to optimize University 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.

### President – Cognitive Science Club

Sep 2017 – Pres

- Organized a 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
- Overhauled social media presence and branding with new logo and weekly newsletter which helped increase attendance in club by 300%

### 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/Worldview

Jun – Aug 2015

- Designed and implemented front end for Android Application
- Worked on dynamic programming problems to increase speed of tinder like card generation
- Learned about the SDLC and actively participated in a remote scrum team and lead daily stand up

## Skills:

### Computer Languages / Frameworks / Technologies

*Python, Java, Scala, JavaScript, HTML, CSS, Less, Android, XML, MongoDB, Twilio, AWS, NLTK, Flask*

### Computer Software / Design Tools

*IntelliJ, Sketch, Adobe Suite, Microsoft Office, Solidworks*

## 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