Rangaraj Tirumala

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New Brunswick, NJ

Skills:

Computer Languages
Python, Java, Scala, JavaScript, SQL, HTML

Frameworks & Technologies
CSS, LESS, Android, XML, MongoDB, Twilio, AWS, NLTK, Flask, Selenium, Bootstrap

Work Experience:

Software Engineering Intern – Eightfold AI
May 2018 – Aug 2018
- *Re-designed flow to optimize university recruiting for customers by bulk-importing resumes, CSV's and resume books to our recruitment platform*
  - *Drastically reduced time to receive and review resumes*
- *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*
  - *Automated the process of finding and importing resumes in recruiters and hiring managers inboxes*

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*
  - *Collected over 1 Million sentences to parse, tag, and study frequencies*
- *Used Python and NLTK to identify frequency of common utterances of Wh- words*

Software Engineering Intern – Sparta Systems
May – Aug 2016
- *Refactored 15-year-old Java codebase to adjust for front-end redesign*
  - *Updated Tomcat server to serve new UI built in LESS*
- *Designed and implemented new front-end interface to support modern browsers beyond Internet Explorer*
- *Developed dev-ops tools using Salesforce and Jira to optimize incoming issues from complaints*

Leadership and Awards:

President – Rutgers Cognitive Science Club
Sep 2017 – Pres
- *Organized bi-yearly panel on careers in Cognitive Science with leading experts in industry and academia*
  - *Helped match students to psychology and linguistics research labs*
- *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%*
  - *Developed new meeting style, increased inter-club collaborations to boost member retention and engagement*

Best Hardware – Marauders Map
hackNY Fall 2018
- *Used microcontrollers to spatially locate all Bluetooth devices in a room*
- *Wrote trilateration algorithm in python to mathematically calculate physical location of devices base on a three-node distributed system*

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, gamified the experience of meeting new people*
- *Worked on apple ARKit to develop in app face recognition and matching function*

Facebook API Award – SXSetFinder
SXSW Hackathon 2018
- *Developed FB Messenger based platform to help SXSW attendees find artists they will like based on the attendees 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 –integrated with users google calendar*

Education:

Rutgers University New Brunswick
Class of 2019
B.A. in Cognitive Science and Philosophy (specialization in Computer Science)
Minor in Entrepreneurship