Rishi Rajasekaran

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EDUCATION

University of California, Santa Cruz   Expected June 2021
Master of Science, Computer Science

National Institute of Technology, Tiruchirappalli *(NIT Trichy)*   CGPA - **8.22/10**, May 2017
B.Tech, Computer Science and Engineering

WORK EXPERIENCE

University of California, Santa Cruz — *Teaching Assistant*   October 2019 - Present

- TA for **CSE 118: Mobile Applications** — development using Android
- Responsibilities include holding discussions and office hours, assignment design, project evaluations

Morgan Stanley, Bangalore — *Technology Senior Associate*   August 2017 - June 2019

- Built an automated account opening system using **Spring Integration, JDBC, IBM MQ** that creates 10,000 brokerage accounts per hour, eliminating 10-20 human minutes of effort per account. System was used to create accounts for the Uber IPO's Directed Share participants.
- Developed an account creation web service for Wealth Management's mainframe decommission initiative using **Apache CXF** which facilitated the creation of specialty Lending accounts.

Morgan Stanley, Bangalore — *Summer Technology and Data Intern*   May 2016 - July 2016

- Developed a web application using **Apache CXF**, **Spring**, **MyBATIS** and **AngularJS** to view a summary of a report processing workflow.

PROJECTS

Transcriber Qualification - Google Summer of Code (CMUSphinx)   May 2017 - August 2017

- Created a **Flask** application for crowdsourcing audio recordings and transcriptions of recordings to help develop a Computer Assisted Pronunciation Tool (CAPT).

NIT Trichy Mess Site   May 2015

- Developed a website using **Laravel, jQuery** and **Bootstrap** that allows NIT Trichy students to enroll in their preferred dining halls on a monthly basis. Currently used by all enrolled students.
- Completely eliminated the earlier paper based process, allowing the college administration to get a monthly report on students enrolled in each hall.

COURSEWORK

Undergraduate   Computer Architecture, Databases, Natural Language Processing, Image Processing, Data Mining, Data Structures, Algorithms

SKILLS

Languages   —   Java, Python, C++, C, Javascript, PHP

Frameworks   —   Spring Framework, Apache CXF, Flask, Laravel, Express.js, AngularJS, Node.js

Tools   —   MySQL, IBM DB2, TeamCity, MapStruct, JDBC, IBM MQ, Git, JMeter

References available upon request