

## EDUCATION

**University of California, Santa Cruz**  
Master of Science, Computer Science

CGPA - 4.0/4 **Expected** June 2021

**National Institute of Technology, Tiruchirappalli (NIT Trichy)**  
B.Tech, Computer Science and Engineering

CGPA - **8.22/10**, May 2017

## WORK EXPERIENCE

**University of California, Santa Cruz** — *Teaching Assistant*

October 2019 - Present

- TA for **CSE 118: Mobile Applications** — Development using Android
- Responsibilities include holding office hours, assignment design, project evaluations, giving presentations

**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.

## COMPLETED COURSEWORK

**Graduate**      Algorithms, Machine Learning

**Undergraduate**      Databases, Natural Language Processing, Data Mining, Data Structures

## SKILLS

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

**Frameworks/IDEs**      —    Spring Framework, Flask, Laravel, AngularJS, Android Studio

**Tools**      —    MySQL, JDBC, Keras, Tensorflow, SciKit-Learn, Numpy, Pandas