

# RAGHAV RAVISANKAR

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## EDUCATION

**University of California at San Diego - Class of 2017**

*La Jolla, CA*

B.S Computer Science w/ minor in Cognitive Science

**SEPTEMBER 2013 - DECEMBER 2017**

## WORK EXPERIENCE

**Software Development Intern - Medspace Technology**

**APRIL 2018 - CURRENT**

- Medspace Technology is a early-stage healthcare software start-up creating a software platform to reduce the cost of medical sales
  - Planned product features and then drove their creation, including writing feature specs, detailing goals, defining KPIs in order to build MVP.
  - Developing a cloud-based SaaS product using Java, Spring, ReactJS and React Native, AWS.

**Software Intern - MK Decisioning Systems**

**AUGUST 2017 - FEBRUARY 2018**

- MK Decisioning Systems is a startup helping bank credit card approval websites
  - Connected an open-source enterprise resource planning software Apache Ofbiz to the cloud using AWS and Docker to build internal tool that organized company resources.

**Part-Time Technician - Fabric8Labs Inc.**

**MAY 2017 - AUGUST 2017**

- Fabric8Labs is a hardware startup funded by EvoNexus that is making a metal 3-D printer
  - Collected requirements from hardware engineers about the parameters for the performance of their metal 3-d printer and built UML and database to store the data.
  - Created a Python script to parse the logs from their printer and display graphs of metal decomposition using a web application built with Flask, PostgreSQL, Jinja2 and Bootstrap.

**IT Student Assistant - UCSD Animal Care Program**

**JANUARY 2015 - MAY 2017**

- Provided technical assistance to the medical researchers at UCSD as an IT Support Assistant.
- Part-time campus job, experience of working in an office environment for 2 years.

**Software Intern - EACIIT Big Data**

**DECEMBER 2015 - JANUARY 2016**

- Built a front-end interface with Knockout.js, HTML for a web scraper project in month-long internship at Surabaya, Indonesia.

**Software Development Intern - Crayon Data**

**JULY 2014 - SEPTEMBER 2014**

- Built a mobile application in PhoneGap and gained experience in HTML, CSS and jQuery, working in Chennai India

## PROJECTS

- **COGS 108 - SuperBlocks:** Collected data about the parking spaces and transit locations from the City of San Diego website and predicted best street to convert into a pedestrian-only zone.
- **COGS 189 - BrainBot:** Built a python script to connect an Neurosky brainwave headset to an Arduino robot using serial to move robot when the user's attention levels increase.
- **CSE 118 - VizLife:** Given an API which predicted the user's activity based on smartphone sensors, built an goal-setting mobile app using Cordova and Vue.js with a 4 member team.
- **CSE 190 - Image Classification on MNIST dataset:** Built a recurrent neural network to predict the characters of text from the text images available in the MNIST dataset.
- **Data Science:** Self-learned data science notebooks available at Github @raghav96

## SOFTWARE SKILLS

- Python, JAVA, C++, SQL, ExpressJS, AngularJS, ReactJS, Flask, Bootstrap, HTML5, CSS3, JQuery
- Spring, Flask, AWS, Docker, PostgreSQL, REST API, JSON, MVC and CRUD, OOP
- Data Science: Numpy, scikit-learn, Regression, Linear Bayes, Keras, PCA, Jupyter, Seaborn, matplotlib, statistical analysis, academic coursework in neural networks, data science and online recommender systems.
- Git, Slack, JIRA, Confluence, Microsoft Office, Writing software documentation