

RAGHAV RAVISANKAR

EDUCATION

University of California at San Diego, La Jolla, California — Bachelor of Science (Computer Science with minor in Cognitive Science)

SEPTEMBER 2013 - DECEMBER 2017

- Upperclassman taking classes specializing in artificial intelligence: data science and analytics, machine learning algorithms
- Relevant Classes:
 - Advanced Data Structures and Algorithms (CSE 100,101)
 - **Artificial Intelligence, Machine Learning** (CSE 150, 151)
 - Introduction to **Neural Nets** (CSE190)
 - Data Science in Practice (COGS 108) - **Numpy, pandas**



WORK EXPERIENCE

Fabric8Labs Inc. - Technician (Part-Time)

MAY 2017 - AUGUST 2017

- **General software development**
- Testing hardware-software integration for prototype metal 3D printer, created a database web application to monitor logs from prototype 3-d metal printer. (**Flask, Jinja2, Postgres**)
- Working in a start-up environment



UC San Diego Medical Research - Animal Care Program, La Jolla, California — IT Student Assistant (Part-Time)

JANUARY 2015 - MAY 2017

- **ICT operations and support**
- Provided tech assistance and network administration for medical researchers in the UC San Diego Medical Research System as part of the Animal Care Program.



EACIIT Technologies (Big Data Software Solutions), Surabaya, Indonesia — Software Development Intern

DECEMBER 2015 - JANUARY 2016

- Worked in a 9 member team to create an interface for a **web scraper**. Used **Golang, Knockout.js and HTML and Javascript**. Multilingual environment in Bahasa Indonesia and English.



Crayon Data, Chennai, India — Software Development Intern

JULY 2014 - SEPTEMBER 2014

- Worked with a team of 4, prepared CSS3 and HTML5 templates for web data crawling through a JS script. **Created Android app** through PhoneGap, a framework to create **mobile apps using standardized web APIs**.



CONTACT

WEBSITE: raghavism.com

EMAIL: rravisan@ucsd.edu

ALT EMAIL: raghav96@gmail.com

LINKEDIN:

linkedin.com/in/raghav96

GITHUB: github.com/raghav96

CELL PHONE: (858) 952-3854

NATIONALITY: INDIAN

VISA STATUS: F-1

DATE OF BIRTH: 02/28/1996

SKILLS

Proficient in **Python, C++, JAVA, MySQL**

Have experience in **Web Development, Artificial Intelligence, Agile Development, ICT operations and support**

PROJECTS

UCSD CSE 190 Project: Neural Net Character Recognizer

Worked in a 4 member team to create a **image recognition recurrent neural net** on the CIFAR-100 dataset using **Keras.io** written in **Python**

BrainBot: Brain controlled robot by creating a program that parses EEG data from a headset and moves a Arduino based robot when your attention level increases. Written using **Python and C/Arduino**

UCSD Game Development Studio:

Implemented A* spawning algorithm in a Unity-based maze game Unfold in Google Play Store. Implemented using **C#, Unity and Blender**

PERSONAL INTERESTS

Photography and Art

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Soccer

Arsenal FC fan since 2004

Music

Been playing the guitar for 6 years, trained Indian classical singer