

IAN D. CARRASCO

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[Github](#)

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PROFILE

I am a driven, passionate, and innovative undergraduate student at UC San Diego interested in deep learning and its applications within data driven society.

EDUCATION

University of California, San Diego — 2017 - Present

In Progress - B.S. in Cognitive Science with Specialization in Neural Computation and Machine Learning

West Career and Technical Academy (High School) — 2013 - 2017

Graduated with advanced honors focusing in computer and hardware engineering. GPA: 4.6

EXPERIENCE

Yonder Deep - Autonomous Vehicle Team - Software Communications and Guidance Lead — 2017 - Present

Incorporating machine learning, real-time communication, and web technologies on a team to build an autonomous underwater vehicle in collaboration with the Scripps School of Oceanography exploring the impact of climate change in the Arctic.

UCSD Data Science Society — 2017 - Present

Competing in data science competitions; specializing in machine learning based approaches including neural networks, bayesian probabilities, and k-means to analyze images, text, and geospatial data

UCSD Cognitive Science Society — 2017 - Present

Participating in research events in neuroscience and distributed cognition to promote interest within the field of cognitive science and its wide range of applications on computer science and business.

AWARDS

D4SD City Hackathon and Startup Challenge — 1st Place

Invented a program to facilitate traffic based on assigning autonomous vehicles to lanes via V2V communication. Judges included design expert Don Norman and City of San Diego chief data scientist, Maxim Pecherskiy.

SD Hacks 2017 — Top 5 Finalist

Developed a website based on in order to parse Wikipedia articles and explain ideas in terms of their fundamental concepts; implemented a REST API for website's machine learning and natural language processing tasks. <https://wikisum.tech>

SKILLS

Technology - Javascript, Python, C++, SQL, Machine Learning (Tensorflow, Keras), LaTeX, IoT (Particle Photon and Arduino), Bash/Terminal Scripting, Decentralized Applications

Creative - Adobe Premier Pro (Video Editing), Adobe Photoshop, Adobe Illustrator, Cinema4D, 3D Animation, UI/UX Design