

# JONATHAN ZAMORA

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## EDUCATION

**UC SAN DIEGO - Bachelor of Science, Computer Science**  
Incoming Transfer Student

June 2020 - Present

### GROSSMONT COLLEGE

August 2018 - May 2020

**Major GPA: 4.00 / 4.00 | Cumulative GPA: 3.985 / 4.00**

**Relevant Coursework:** Intermediate Java and Data Structures, Intermediate C++ Programming, Assembly Language & Machine Architecture, Discrete Structures, Intro to SQL, Linear Algebra, Multivariable Calculus, Modern Physics

## COMPUTER SCIENCE EXPERIENCE

### Summer Machine Learning Research Intern

**Moore's Cancer Center | University of California, San Diego**

June 2020 - Present

- Develop Machine Learning Algorithms for Cancer Detection

### Volunteer Summer Programming Intern

**MetaCoders**

June 2020 - Present

- Teach Elementary to High School Students how to code through computer science curriculum

### Machine Learning Researcher - Google ExploreCSR

**UC San Diego CSE Department**

January 2020 - Present

- Develop Machine Learning solutions for Epileptic Seizure Detection through Logistic Regression & Neural Networks
- Present a professional poster-board at a CSE Research Symposium with detailed research findings

### Computer Science Tutor

**Grossmont Computer Science/Information Systems Lab**

August 2019 - Present

- Assist students in the Grossmont CSIS Lab through my knowledge of programming
- Develop Computer Science and Engineering projects with students
- Current knowledge consists of Java, C++, and Python

### President

**Grossmont Computer Science Organization**

August 2018 - December 2019

- Delivered workshops to **70+** members in topics such as ML / AI, Data Science, and iOS + Web Development.
- Worked with Executive Board to arrange professional, technical, and networking opportunities for members

## AWARDS

**2x Top 10 National Champion in Technology Events - 5th in Database Design and Applications (2018), 8th in Computer Applications (2017)**

**2x CA FBLA State Champion in Technology Events Database Design and Applications (2018), Spreadsheet Applications (2018)**

## PROJECTS

**Chess AI Game** [Implemented in C++, Utilized Minimax algorithm for Opponent AI, 3 difficulty levels]

**Machine Learning Jupyter Notebooks** [Python: Numpy, Pandas, Matplotlib, Scikit-Learn]

## SKILLS

**Technical:** Java, C++, Python, C, SQL, Web Development [HTML, CSS, JavaScript, Bootstrap, React.js, Node.js]

**Platforms:** IntelliJ IDEA, Atom, Terminal, Xcode, Microsoft Excel, and Microsoft Access.

**Language:** Spanish (Native Speaking, Reading, Writing, and Comprehension abilities)

**Certifications:** Intermediate Python for Data Science, Programming Foundations: Object-Oriented Design & Algorithms

**Tech Certifications:** Microsoft Office Specialist in Access 2013, Excel 2013, Word 2013, and Powerpoint 2013. Internet Core Computing Certification Global Standard 5. Physics with Technology.