JONATHAN ZAMORA

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EDUCATION

GROSSMONT COLLEGE   San Diego, CA
August 2018 - Present

A.S.-T in Computer Science, Mathematics, and Physics
| Major GPA: 4.00 / 4.00 | Cumulative GPA: 3.985 / 4.00 |
Relevant Coursework: Intermediate Java and Data Structures, Intermediate C++ Programming, Linear Algebra, Multivariable Calculus, Assembly Language & Machine Architecture, Discrete Structures, Intro to SQL, Modern Physics

REDWOOD HIGH SCHOOL   Visalia, CA
August 2014 - May 2018

President - Future Business Leaders of America, Digital Media, and Computer Science Organization
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)*

COMPUTER SCIENCE EXPERIENCE

Computer Science and Engineering Department | University of California, San Diego CSE
Undergraduate Computer Science Researcher, Google ExploreCSR   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
- Develop strong relationships with CSE professionals from Google and a Ph.D. Mentor

Computer Science Organization | Grossmont College   San Diego, CA
President   August 2018 - December 2019
- Delivered workshops to **70+** members in topics such as ML / AI, Data Science, and iOS + Web Development.
- Work with Executive Board to arrange professional, technical, and networking opportunities for members

PROJECTS
- Chess AI Game [Implemented in C++, Utilized Minimax algorithm for Opponent AI, 3 difficulty levels]
- iOS Development [Augmented Reality Video Playback, Image Classifier with Machine Learning]

WORK EXPERIENCE

Grossmont Computer Science/Information Systems Lab   San Diego, CA
Computer Science Tutor   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

theCoderSchool North San Diego Code Coach   April 2019 - May 2019
- Teach and Mentor Children (Age 7-13) how to Code utilizing Scratch and Python programming languages

SKILLS

Technical: Java, C++, Python, C, SQL, iOS Development [Swift, Firebase, ARKit, CoreML, CreateML], 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.