
ALEXANDER G. ARIAS SR.

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OBJECTIVE

A dedicated and highly skilled Computer Scientist seeking to leverage my expertise in developing cutting-edge software and analytical solutions. Exceptional understanding of a variety of programming languages and system structures. Offering a resilient work ethic and dedication, with a track record of successful team collaboration, stress management, and outstanding communication skills.

EDUCATION

University of California San Diego <i>Bachelor's of Science in Computer Science</i>	Fall 2020 – Present <u>Overall GPA: 3.8</u>
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Imperial Valley College <i>Associates Degree for Transfer in Computer Science, Mathematics, Physics, and University Studies in Science and Mathematics</i>	Graduated Spring 2020 <u>Overall GPA: 4.0</u>
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Brawley Union High School <i>High School Diploma</i>	Graduated Summer 2013 - <u>High Honors</u> <u>Overall GPA: 3.6</u>
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SKILLS

- **Languages:** Fluent in English and Spanish.
- **Programming:** Proficient in Python, Java, C, C++, C#, HTML, CSS, JavaScript, System Verilog, R, Unix/Linux, Unity.
- **Soft Skills:** Resilience, teamwork, stress management, loyalty, empathy, flexibility, understanding.
- **Tools:** VIM Editor, Stat-Disc, R-Studio, Microsoft Excel.

EXPERIENCE

Imperial Valley College (IVC) Math Lab Math Tutor	October 2018 – December 2019
<ul style="list-style-type: none">• Tutored in a wide variety of mathematics topics, assisting students with personal S.T.E.M. projects.	

Imperial Valley College (IVC) Special Projects Office Assistant	June 2018 – August 2018
<ul style="list-style-type: none">• Gave tours, guided students around campus, maintained cleanliness, typed documents, and handled staff requests.	

United States Army <i>Infantry Team Leader</i>	June 2013 – October 2016
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- Managed and stored supplies in compliance with company policies and regulations.
- Organized and filed work orders via computer software, distributing weekly reports to company headquarters.
- Addressed any changes to company policy, schedules, and tasks with employees, offering support to adjust to changes.
- Maintained a clean and efficient work environment.

RELEVANT COURSEWORK

Advanced Data Structures	Design & Analysis of Algorithms
Theory of Computation	Software Engineering
Principles of Computer Operating Systems	Introduction to Computer Security
Programming Languages: Principles and Paradigms	Component & Design Techniques of Digital Systems
Introduction to Computer Architecture	Computer Graphics
Data Science in Practice	Web Client Languages
Introduction to Discrete Mathematics	

SOCIETIES

Muir College Caledonian Honor Society
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First Induction Spring 2022
 Second Induction Spring 2023