

Alvaro Salim Laham Bauzó

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EDUCATION

University of California, Berkeley | Expected Fall 2026

Master of Information and Data Science (MIDS)

Universidad Ana G. Méndez-Recinto de Cupey | May 2014

Bachelor of Science in Applied Mathematics | Cumulative GPA: 3.43

WORK EXPERIENCE

Computer Science Patent Examiner | Jun 2023 – Nov 2023

U.S. Patent and Trademark Office | Remote

- Examined artificial intelligence patent applications to ensure legal compliance with federal regulations
- Conducted research across multiple databases to identify existing technologies and assess the novelty of claimed inventions
- Authored 10+ detailed legal reports, effectively communicating findings to inventors and patent attorneys

Lead Designer & Communications Strategist | Feb 2020 – Present

Independent Consultant | Puerto Rico

- Managed data-driven design and communication strategies for 200+ high-profile stakeholders
- Directed time-sensitive projects from concept to completion, translating complex needs into effective creative solutions
- Coordinated multiple high-priority projects simultaneously, delivering 750+ quality results under strict deadlines

Tactical Air Control Party Officer | Oct 2014 – Mar 2019

US Air Force | El Paso, TX

- Led team of 32 personnel and efficiently managed operational resources amounting to \$13M+
 - Directed international operations in Kuwait successfully, leading to award of medal for exceptional service and leadership
 - Trusted with TS/SCI clearance (exp. 2019), demonstrating ability to handle and safeguard highly sensitive information
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RESEARCH EXPERIENCE

Jackson State University, Jackson, MI | Summer 2012

Research Title: A Comparison of the Cytotoxic Effects of Vernonia Amygdalina in Estrogen Receptor Positive Breast Cancer Cells

- Evaluated cytotoxic effects of Vernonia amygdalina (VA) and Paclitaxel on breast cancer cells using multiple assay methods
- Discovered 26.3% reduction in cell proliferation with VA and 51.4% reduction when combined with Paclitaxel
- Presented findings at SACNAS National Conference, highlighting VA's potential in cancer treatment

University of Texas at El Paso, El Paso, TX | Summer 2011

Research Title: Transition States of Selective Hydrodesulfurization Reaction in MoS₂/Co₉S₈ Molecular Interface

- Modeled sulfur removal reactions in crude oil using DMol3 quantum mechanics simulation software
 - Performed density functional theory calculations to optimize catalyst (MoS₂/Co₉S₈) interaction conditions
 - Presented findings at AGMUS Research Symposium and SACNAS National Conference
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SKILLS

Technical: Python, SQL, R, JavaScript, HTML, CSS, Django, LaTeX, Markdown, Shell Scripting, Git

Tools: VS Code, Tableau, BigQuery, GitHub, Microsoft Office, Google Workspace, Adobe Creative Suite, Affinity Suite

Soft Skills: Problem-Solving, Analytical Thinking, High Learning Agility, Leadership, Communication, Project Management