# GABRIEL MARCELINO
## Computer Science Student

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GitHub | LinkedIn

## TECHNICAL SKILLS

- Programming languages: Python, Java, C++, JavaScript, HTML/CSS, React.js, Swift
- Database Management: SQL, MongoDB
- Other: Linux, AWS, Django, Microsoft Azure, Jira, TensorFlow, Git
- **AWS Certified Cloud Practitioner – Earned June 2024**

## PROJECTS & TECHNICAL EXPERIENCE

**SOFTWARE ENGINNER APPRENTICESHIP**                                             **08/2024 - Present**
**Paychex | Phoenix, AZ**
**AI-Driven Documentation Retrieval System**

- Collaborated with Paychex to develop an AI-driven solution for retrieving project documentation.
- Developed an AI chatbot using Azure AI Services and React for the front end to provide users with precise, conversational access to internal documentation.
- Gained hands-on experience with Agile methodology, and utilized Jira for project management.

**MY-COMPILER - GitHub Repository**

- Developed a comprehensive compiler for a C-like programming language, implementing lexical analysis, syntax analysis, semantic analysis, optimization, and MIPS code generation.
- Designed and tested grammar rules to support while loops, variable/array declarations, function calls, and conditional statements, ensuring robust functionality.

**CRYPTO TRADING SIMULATOR – GitHub Repository**

- Built a webpage where users can simulate trading cryptocurrencies.
- Integrated two APIs: one to update cryptocurrency prices and track market changes, and another to fetch and display recent news that may influence price movements.
- Used SQL for data storage and querying.

## PROFESSIONAL EXPERIENCE

**BrandSafway | Tempe, AZ**
  **PROJECT CONTROLS COORDINATOR**                                             **08/2024 - Present**

- Documented, analyzed, and reported project data to track progress.
- Assisted in planning and managing project workflows by maintaining accurate data records and identifying trends to improve efficiency.

  **PROJECT CONTROLS INTERN**                                             **05/2024 – 08/2024**
**Grand Canyon Education | Phoenix, AZ**
  **IT SUPPORT REPRESENTATIVE**                                             **09/2022 – 05/2024**

- Resolved a diverse range of technical issues across multiple systems and applications for students.
- Maintained detailed documentation of requests and resolutions, adhering to established guidelines.

## EDUCATION

**BACHELOR OF SCIENCE: COMPUTER SCIENCE WITH AN EMPHASIS IN BIG DATA ANALYTICS**       **2021-2025**

- **GRAND CANYON UNIVERSITY | PHOENIX, AZ**
  - Honors and Awards: Provost Scholarship, Dean's list
  - Cumulative GPA: 3.70

**ROTARY YOUTH EXCHANGE**                                             **2019-2020**

- **YOUTH SENIOR HIGH SCHOOL (青年高中) | TAICHUNG, TAIWAN**
  - Lived in Taiwan for a year, attended classes in a Taiwanese high school, and studied Chinese.
  - Presented about cultural differences at schools and community events.