Talal El Zeini

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WORK EXPERIENCE

Performance Automation Developer, CE | **Apple Inc.**   June 2022 - November 2022
Cupertino, California

- Developed and studied the performance of automated workloads that evaluate real world use cases for many application on iPadOs
- Debugged software and automation issues on various iPad hardware, across multiple iPadOS trains
- Identified and isolated the core reasons of device malfunctions related to software or hardware
- Learned about software engineering with Swift, with an emphasis on performance evaluation
- Gained detailed knowledge of computer architecture while debugging performance related issues

Technical Specialist | **Apple Inc.**   June 2021 - June 2022
San Jose, California

- Provided technical assistance for iPhones, iPads, Apple Watch, iOS, and MacOS using analytical capabilities to improve the overall customer experience for all users
- Demonstrated multitasking and innovative problem-solving abilities

Web Development Intern, Remote | **Codeucate**   July 2020 - August 2020

- Implemented dozens of features for wecodeucate.org frontend by writing production ready code in React, HTML, CSS, JavaScript, and Bootstrap
- Fixed numerous bugs across the stack and created multiple actionable tasks for the team

EDUCATION

San Jose State University   Expected Graduation: May 2024
Bachelor of Science in Applied and Computational Mathematics
Relevant Coursework: Data Structures and Algorithms in C++, Discrete Mathematics, Linear Algebra, Micro Assembly Programming, Introduction to Python, Introduction to C, Intermediate Calculus

PROJECTS

- **Links Tree:** Made a responsive web app using **JavaScript** and **Firebase**, listing all projects/social links
- **Portfolio:** Completed a responsive website using **HTML**, **CSS**, **JavaScript**, showcasing all projects
- **National Champion,** AMATYC 2021 Student Research League, talalzeini.com/champion
  Solved a Challenge Problem "Mission to Mars - What's for Dinner?" by developing visualizing graphs and data using **Python** and **C++,** and by writing a **winner research paper** across the United States

SKILLS

Programming Languages: Python, JavaScript, C++, Swift, SQL (from most to least proficient)
Web Technologies: React, Rest APIs, HTML, CSS, Jest (Testing)
Databases: mySQL, Firebase Realtime Database
Other Tools: Git, GitHub, Unity Engine, Heroku, Xcode, XCTest, Raspberry Pi, Excel
Soft: Fluent in French and Arabic, Beginner in Spanish