

Dylan J.C. Garcia

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EDUCATION

Texas A&M University

BS in Engineering, Technology Management
Minors in Business & Cybersecurity

December 2024

College Station, Texas

- Former member of the 2023 Student Cluster Competition team for High Performance Computing. Utilizing Chameleon Cloud (similar to AWS) for projects.

WORK EXPERIENCE

Apple Inc.

Jan - June 2025

Core OS I/O Transports QE Lab Engineer Intern

Cupertino, California

- Writing and maintaining Python tests for USB/Thunderbolt firmware pre-submission validation.
- Investigate and triage emerging issues to discover root cause and regression status.
- Update shell scripts with new functionality to help test issues, utilize protocol analyzers.
- Deployed internal system utilizing RFID tracking on lab equipment and new hardware.

Apple Inc.

July - November 2023

Lab Engineer Intern

Cupertino, California

- Maintaining and expanding devices for software test.
- Writing and maintaining Python scripts.
- Configuring networking and lab infrastructure.
- Communicating with QA teams using internal tools to triage and fix issues in testing.
- **Developed a prototype tool in Swift that utilizes cURL, SSH, and SwiftUI to manage internal databases and provide additional functionality in an efficient and user friendly manner.**
- **Made it much easier to view information about testing devices and schedule jobs.**
- **Significantly faster than current systems with additional functionality.**

Apple Inc.

March 2022 – Dec 2024

Technical Advisor – College Organization

Remote

- Provided customer support for software and hardware issues, acting as the first point of contact for Apple product users.
- Leveraged problem-solving skills to provide step-by-step resolutions for customer issues.

PROJECTS

DalleMC – DALLE in Minecraft!

May 2023

- Goal was to implement OpenAI's DALLE2 image generation API in Minecraft and generate AI images as Minecraft blocks in the server.
- Used Java to create a plugin using SpigotMC and Python to call the OpenAI API.
- Server collects prompts votes, calls the API, downloads the produced image as a PNG, then uses a modified version of the Pixelator project to generate the image as blocks in the server.

EI Localizador – Rudimentary Maps Tool

December 2018

- Goal was to create a basic maps application that would allow for rating, searching by category, sorting, and commenting given coordinates, radius, and a list of locations.
- Learned about data structures, inheritance, interfaces, and sorting algorithms.
- Created using Java/Java Swing and used an IP address geolocation API for coordinates.

SKILLS

Java, Python, Linux, Docker, Git, Swift, Bash, MySQL, Networking, System Admin., QE, SDLC