

CARLO UY

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EDUCATION

California State University, Northridge

Bachelor of Science in Computer Science, specialization in ML

Jan 2022 – June 2025

Northridge, CA

College of the Canyons

Associate's in Computer Science

July 2019 – June 2021

Santa Clarita, CA

EXPERIENCE

Apple Inc.

IS&T Systems Analyst Intern

July 2023 – Nov 2023

Culver City, CA

- Developed **4 web apps** using low code platforms, improving development time by **80% to 90%**, reducing expenses by **50%** and launched **2 apps into production** used by more than **200** employees
- Monitored cloud-based apps and conducted user acceptance testing with **30 employees** prior to product launches
- Programmed Rest APIs, improved PostgreSQL databases by **30%** and tested API functionality with **Postman**
- Facilitated ongoing scrum meetings with **5 cross-functional teams**, allocating tasks, and promoting collaboration resulting in a **20%** increase in productivity and efficiency
- Authored and published **5 technical documents** for proficient use of low code development tools and explains procedure for **Google Cloud Platform, Wrike and Github integration**

Apple Inc.

Specialist

July 2022 – June 2023

Santa Clarita, CA

- Helped over **30+ customers** daily and resolved technical issues in a timely and organized manner
- Proposed new ways the team's metrics by **10%** and educated the team on product releases and launches

PROJECTS

Hotel Registration Website | React, Vite.js, Springboot, MySQL, Bootstrap, Jira, Github

Sep 2023 - Nov 2023

- Designed the frontend using Vite.js and Bootstrap and modeled after Apple's simplicity and minimalism approach
- Reprogrammed the backend's **Controller** classes and **Entities** solving the team's early HTTP issues
- Governed the team using Jira and facilitated the team's Github branches increasing collaboration by **25%**

OptOS | Python, Docker, Github

Apr 2023

- Created a proof of concept **Operating System** inspired by QubesOS, MacOS and ChromeOS in a **36 hour** deadline
- Self-taught Docker and constructed hardened containers within **5 hours**
- Wrote a Python script that restructured a kernel's k-configurations, improving the kernel's security by **15%**

Voice-Command Chess | React, Whisper API, Bootstrap, Github, Node

Apr 2023

- Developed a voice-command chess web app tailored for accessibility needs in a **24 hour** deadline
- Implemented Open AI's **Whisper API** and Google's **Speech-to-Text API** to support over **50 languages**
- Reprogrammed an existing chess game library using Node increasing code efficiency by **15%**

SKILLS

Programming Languages: JavaScript, Python, Java, Go, SQL (Postgres and MySQL), Swift, HTML/CSS, C++

Frameworks: React, Node.js, Django, Flask, Springboot, Bootstrap

Tools: Github, Docker, Google Cloud Platform, VS Code, Postman, IntelliJ, Eclipse, AWS, Vite.js, Wrike, Retool, Airtable, Jupyter Notebook, Anaconda

Libraries: pandas, NumPy, Matplotlib, TensorFlow

Languages: English, Tagalog, Spanish

EXTRACURRICULAR

Coursera Certification: Starting your career with AWS Cloud

DeepLearning.AI Certification: AI and Public Health, AI for Everyone

Other Certification: Certified Entry-Level Python Programmer by Python Institute

Club Involvement: Google Developer Student Club Fellow, CSUN ARCS Associate