

MARCO A. GARCIA

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📍 Huntsville, AL 🌐 marcoagarcia.com 📧 magarcia0

EXPERIENCE

Full Stack Developer

Self

- 📅 June 2022 - Current 📍 Huntsville, AL
- Consult with clients face to face to obtain requirements
 - Design website UI using Adobe XD to create wireframes
 - Build websites using a modern framework and tools based on client requirements
 - Ensure websites are mobile and accessibility friendly
 - Maintain and update websites based on client needs and requests
 - Run audits to ensure page quality is optimal on clients websites

Grader

CSU Chico

- 📅 January 2022 - May 2022 📍 Chico, CA
- Uploaded student assignments to Gradescope
 - Graded student assignments
 - Uploaded grades to Blackboard

Webmaster

Run For Health 5k

- 📅 December 2020 - June 2021 📍 Chico, CA
- Consulted a client on a web based solution for their online presence needs
 - Created a modern website for the client based on customer requirements
 - Maintained and updated the website based on customer requests and needs

EDUCATIONAL EXPERIENCE

- Installation and configuration of Virtual Machines using VMWare: Arch Linux, Ubuntu, CentOS
- Shell scripting using Bash and Python
- Cisco switch and router configuration
- Robot localization via Machine Learning using C++
- Created full stack website using Django framework and Python
- Built Android mobile app using Flutter and Dart
- Utilized Docker and GCP to deploy website
- Created basic P2P file sharing program using C
- Utilized Splunk to sift through data for log analysis
- Found passwords using cryptography and password cracking tools: Hashcat, John the Ripper, Steghide
- Root-Solving with Linear and Non-Linear Systems
- Linear Systems and Series with MPI and OpenMP
- MPI and Error Estimation for Non-Linear Systems
- Grid and Matrix Processing with Shared Memory Threading
- Familiarity with Matrices and Using Concurrency for Speed-Up
- Created basic shell which took the following commands: quit, bg, fg, and jobs
- Built basic FCFS, Round Robin, and Multi-level (quanta of 4 time units) schedulers using C

EDUCATION

B.S. in Computer Science

California State University, Chico

📅 2018 - 2022 📍 Chico, CA

A.A. degree in University Studies with a Math and Science Emphasis

Chaffey College

📅 2016 - 2018 📍 Rancho Cucamonga, CA

H.S. Diploma

Don Antonio Lugo High School

📅 2006 - 2010 📍 Chino, CA

TECHNICAL SKILLS

Programming Languages:

C++ Assembly C Python
JavaScript CSS Bash
Dart HTML LaTeX

Database/Tools Used:

MySQL AWS GIT
IBM Quantum Circuit Builder MPI
OpenMP Splunk VMware
RESTful API's Docker GCP
VSCode GitHub PostgreSQL
Prisma SendGrid AdobeXD

Frameworks:

Next.js Django Flutter

INTERESTS

Web3 Development Cryptocurrencies
NFT's Blockchain Metaverse

EXTRA CURRICULAR

Chico State Crew

CSU Chico

📅 2019 - 2020 📍 Chico, CA

- Sweep rower on port side.
- Stroke seat.

HOSTED SITES

- wildcat.plus
- marcoagarcia.com
- laqualitypainting.com