

Gabriel Pizarro

My goal is to make every experience an educational one. I've spent the past ten years learning as much about technology as possible.

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WORK EXPERIENCE

IT Summer Intern

Polytechnic School, Pasadena, CA

Summer 2018, Summer 2019 (6 months total)

Fixed computers, projectors, and printers. Wrote scripts to automate installing software on hundreds of computers.

EDUCATION

Polytechnic School — High School Diploma

Pasadena, CA

Current GPA: 3.95

SCORES AND AWARDS

AP Computer Science A — Score of 5

June 2020

Required a strong understanding of Java, data structures, and algorithms

World AI Competition for Youth 2020 — Gold, AI, Impact, and Design Excellence Awards

December 2020

Submitted my Masquito project (AI-assisted face mask detection) and gave a 15-minute presentation/demo

RMDS 2019 Data Science Hackathon — 3rd Place Team

December 2019

Created linear regression models to predict car statistics

Phillips Academy Capture the Flag — 2nd Place Team

May 2019

Solved two rounds of cybersecurity and cryptography challenges over 96 hours

PROJECTS

Masquito (Dart, Python)

AI-assisted face mask detection; won WAICY 2020's Gold, AI, Impact, and Design Excellence Awards

Cinematic FPV Drone (Circuit design, Firmware modification)

Custom-built quadcopter; used for aerial cinematography

Javalights (Python, Linux, Full-stack)

Custom home IoT network

Synesthesia (C#, Microcontrollers)

Syncs PC audio with addressable LED strips

Seenit (Python, Web scraping)

Converts Reddit posts into narrated videos

Wordscapes Bot (Python, OCR)

Automatically solves puzzles in the mobile game Wordscapes

PC Monitor (Flutter, Full-stack)

Monitor a PC's hardware status via a mobile app

Home Set Home (Java, Gradle)

Minecraft Sponge API game teleportation plugin; over 6000 downloads