GUILLERMO ALFARO
Full Stack Software Engineer

Redwood City, CA • g.alfaro0414@gmail.com • (661) 240-3091

linkedin.com/in/guillermoalfaro • github.com/GuillermoAlfaro/ • guillermoalfaro.github.io/Resume/

TECHNICAL SKILLS

- **Front-End**: React, JavaScript/TypeScript, HTML5, CSS3
- **Back-End**: Python, Vercel, RESTFul APIs, SaaS, Django, Node.Js, MongoDB
- **Libraries:** Cesium, Pandas, GeoPandas, Three.js
- **Project Management**: Scrum, Agile, Git, CI/CD, Asana, Slack, Microsoft Teams, ClickUp, Jira, Figma

EXPERIENCE

C3 AI (VIA PARADYME)   REDWOOD CITY, CA

Full Stack Software Engineer   JUNE 2024 - Present

- **Optimized** 3D mapping software, achieving a **3x performance improvement**, 9 -> 29 fps.
- Leveraged **Cesium** for the DoD, to show targets, objectives, ETAs, counter-measures, exceeding MVP requirements.
- **Refactored** form input logic, **reducing user clicks by 8 per form**, improving data entry efficiency.
- **Redesigned** Cesium dragging resulting in **reduced code complexity by 35%** (measured in loc).

NEW FRONTIER FUNDING (FIN-TECH STARTUP)   SAN DIEGO, CA

Software Engineer   Nov 2023 - May 2024

- Built a **lead procurement pipeline**, **saving $100k/year** by removing dependency on third-party data brokers.
- Fine-tuned a GPT model for CEO/Owner identification, **boosting accuracy**, increasing lead quality.
- Implemented an advanced email verification system using Holehe, **reducing bounce rates by 10%**.

EDUCATION

UNIVERSITY OF CALIFORNIA SANTA CRUZ   Santa Cruz, CA

*Bachelor of Science, **Computer Science***   SEP 2020 - Sep 2023

BAKERSFIELD COMMUNITY COLLEGE   Bakersfield, CA

*Associate of Science, **Mechanized Agriculture***   JUNE 2016 - May 2020

PROJECTS

CachMe (React Native)

- Social media app where you see posts only within a certain radius of you.
- Created custom components to give a consistent, uniform look all around the app.
- Leveraged Google Maps API and Google Maps Heatmap to show hotspots of posts.