

# Benjamin Garcia

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## Education

### Mt. San Antonio College

Walnut, CA

Bachelor of Science in Computer Science - Transfer (GPA: 4.0/4.0)

June 2023 - Present

- President's List, Honor's Program, PTK, AGS, Computer Science Club

## Experience

### AI Engineer Intern

March 2024

Outlier AI

Remote

- Reviewed and evaluated **AI-generated responses** to ensure compliance with specified guidelines and completeness.
- Adjusted settings and refined prompts to **optimize** response quality and alignment with desired parameters.
- Participated in code review.

### Data Analyst Intern

April 2024 - May 2024

Mobalytics

Remote

- Analyzed **SQL** data tables presented by the team at Mobalytics.
- Presented a **playerbase** analysis based off of **analytics and datatables** in order to pursue further business ventures.

### AI Powered VC Analyst

February 2024 - March 2024

igniteXL Ventures

Remote

- Effectively made use of startup databases such as **Crunchbase, Pitchbook, Tracxn, Wellfound/AngelList** to discover startups on the corner of Health, Beauty and Wellness.
- Engineered generative AI prompts such as **Chat-GPT(3.5 & 4), Google PaLM, Perplexity, and Bing AI** in order to do extensive research on various startups.
- Crafted a three-page investment thesis presenting investment rationale, potential risks and solutions, business model, and relevant metrics such as growth and consumer profile.

### Software Programming Instructor

January 2024 - April 2024

Code Ninjas

West Covina, CA

- Worked closely with children, including those with disabilities.
- **Instructed individuals** aged 5 to 14 to be proficient in **Scratch, JavaScript, and C#** through **Microsoft's MakeCode Platform**.
- Provided guidance and assistance on **debugging** and **writing code**.

## Projects

### Weather Display | HTML, CSS, JavaScript, OpenWeatherAPI | React, CSS, Node.js w/ Express (In Progress)

August 2024

- Created a fully functional weather app using **HTML, CSS, and JavaScript**, providing **real-time weather information** within a user-friendly interface.
- Integrated **OpenWeather's API** to fetch and display accurate weather data and **integrate data within HTML** to properly display it on the page, with styling.
- Enhanced user experience by implementing responsive design principles and interactive **animations**, allowing **images and icons** to **animate smoothly on page load**.

### Suika | Python, Pygame, Pymunk

August 2024

- Implemented realistic **ball dynamics**, including **collision detection** and response, enhancing gameplay experience.
- Created a unique mechanic where balls evolve through a series of colors and sizes upon **merging**, adding a strategic layer to the game.
- Enabled player movement and **shooting mechanics**, ensuring balanced gameplay through a **cooldown system**.
- Developed visually appealing color-coded balls, background graphics, and a **dynamic scoring system** to track player progress and achievements.

### Portfolio | HTML, CSS, JavaScript | React, CSS (In Progress)

July 2024

- Created and maintained a professional online presence showcasing projects and skills using **HTML, CSS, and JavaScript**.
- Ensured the website is **accessible and visually appealing** across **various devices and screen sizes**, enhancing user experience.

## Skills

**Programming:** Java, C++, SQL, Python, JavaScript

**Frameworks:** HTML5/CSS3, Pygame, Pymunk, React, NodeJS, Express

**Tools:** Git, Github, VSCode

**Relevant Courses:** OOP, Calculus III, Engineering Physics II, Assembly & Machine Architecture, Discrete Mathematics