

Dylan Camacho

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EDUCATION

Harvey Mudd College, Claremont, CA
B.S. Math and Computer Science

May 2024

WORK EXPERIENCE

Costar Group, Irvine, CA

July 2024 – Present

Software Engineer (Mid-Level, formerly Associate)

- Refactored site-wide favoriting system using an observer pattern to reduce implementation complexity by 60% while enhancing efficiency and extensibility.
- Revamped Homes.com and Apartments.com leads emailing system, injecting geographic data and machine learning insights into emails sent millions of times per month.
- Expanded favorites dashboard to include twice as many entity types and built a new dynamic map UI with optimized fetching, sorting, and data aggregation.

NASA Ames, Mountain View, California

August 2023 – May 2024

ASR Clinic Researcher

- Conducted NASA-sponsored research on automatic speech recognition systems in coordination with their scientists to further agency-wide AI integration.
- Led the design and construction of a recognition evaluation application to assess a diverse range of open-source and commercial speech-to-text models.
- Empowered NASA teams with a reliable benchmarking tool for comprehensive precision analysis, facilitating environment-specific model selection.

Costar Group, Irvine, CA

June 2023 – August 2023

Software Engineer (Intern)

- Created an internal tool allowing agents and developers to search by key/ID/address, find non-standard property info, and share notes about properties.
- Collaborated with cross-functional product, design, and QA teams to ensure seamless integration of new localization, search, and weather features.

Costar Group, Irvine, CA

June 2022 – August 2022

Software Engineer (Intern)

- Contributed as a full-stack engineer on the largest development team at Homes.com through its principal release, leveraging C#, Vue.js, MySQL, and .NET.
- Devised a solution to improve the transfer of designs and acceptance criteria, streamlining communications between product and developer teams.

Harvey Mudd College, Claremont, CA

Sep 2021 – May 2022

IT Technical Assistant

- Built, customized, and assembled personal computers for computer science labs and facilities, resolving technological issues and shortages across campus.
- Configured BIOS, installed operating systems, troubleshooted software issues, managed user accounts, and automated the extraction of employee data.

SKILLS

Proficient: Python, C#, C++, C, HTML, CSS, JavaScript, TypeScript, Java, SQL, Git, Bash, React, Vue.js, PyTorch, Datadog, Snowflake, AWS, Figma

Working Knowledge: R, MATLAB, Haskell, Lisp, Prolog, Assembly, Docker, OpenCV, Kubernetes