

Dylan Camacho

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EDUCATION

HARVEY MUDD COLLEGE

BS MATH + COMPUTER SCIENCE

Aug 2020 - May 2024 | Claremont, CA

CARLOS III DE MADRID

STUDY ABROAD PROGRAM

Jan 2023 - Jun 2023 | Madrid, ES

LINKS

GitHub:// [dylancam812](https://github.com/dylancam812)

LinkedIn:// [dylan-camacho](https://www.linkedin.com/in/dylan-camacho)

COURSEWORK

MATHEMATICS

Linear Algebra

Multivariable Calculus

Differential Equations

Probability and Statistics

Discrete Mathematics

Statistical Linear Models

COMPUTER SCIENCE

Intro to CS

Programming Practicum

Robot Programming

Principles of CS

Computability and Logic

Data Structures

Algorithms

Programming Languages

Neural Networks

SKILLS

PROGRAMMING

Languages:

Python • C# • Java • C++

C • HTML • CSS • JavaScript

R • SQL • MATLAB • Haskell

Lisp • Prolog • PHP • Assembly

Libraries/Frameworks:

React • Vue • NumPy • PyTorch

Software:

.NET • Git • Docker • Visual Studio

Excel • Figma • Unity • Photoshop

EXPERIENCE

NASA | MACHINE LEARNING RESEARCHER

Aug 2023 - May 2024 | Claremont, CA

- Conducting NASA-sponsored research on natural language processing, coordinating with NASA scientists to further agency-wide AI integration
- Designing and constructing a recognition evaluation framework to assess a diverse range of open-source and commercial speech-to-text systems
- Empowering NASA teams with a reliable, comprehensive benchmark for automatic speech recognition, facilitating model selection and utilization

COSTAR GROUP | SOFTWARE ENGINEERING INTERN

Jun 2023 - Aug 2023 | Jun 2022 - Aug 2022 | Irvine, CA

- Coded as a full stack engineer on largest development team at Homes.com through site's principal release leveraging a C#, Vue.js, and .NET tech stack
- Engineered front-end and back-end merges on the site's main repository including the implementation of localization, search, and weather features
- Collaborated with cross-functional teams including product management, design, and QA to ensure seamless integration of new features

HARVEY MUDD COLLEGE | IT TECHNICAL ASSISTANT

Sep 2021 - May 2022 | Claremont, CA

- Built, configured, and assembled personal computers for computer science labs and facilities, resolving technological needs across campus
- Installed operating systems through BIOS, troubleshoot software issues, managed user accounts, and resolved tech allocation inefficiencies
- Led the organization and maintenance of student and faculty information, developing and implementing web scrapers to automate data extraction

HARVEY MUDD COLLEGE | CS TUTOR AND GRADER

Sep 2021 - May 2022 | Claremont, CA

- Led designated tutoring sessions for three foundational computer science courses, encouraging students' academic growth and achievement
- Delivered comprehensive guidance on fundamental programming concepts through the use of Python, circuit builders, and pseudo-Assembly
- Graded assignments and provided feedback and constructive criticism to students enhancing course efficiency and class wide performance

MIT LINCOLN LABORATORY | SUMMER PROGRAM TA

Jul 2021 - Aug 2021 | Cambridge, MA

- Served as a teaching assistant for MIT Lincoln Lab's Beaver Works Summer Institute Racecar Course, fostering an environment of educational excellence
- Instructed and guided students through the process of programming autonomous race cars in a virtual environment using Python and OpenCV
- Taught computer vision fundamentals leveraging a C# unity-based simulator that emulated LiDARs, IMUs, color cameras, and depth sensors