

# Ibrahim Ulas Ayyilmaz

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## EDUCATION

**Pomona College**, Claremont, CA

BA Computer Science GPA: 3.71

May 2024

Relevant Coursework: Managing Complex Systems, Algorithms, Natural Language Processing, Data Structures, Languages and Theory, Electronics, Quantum Mechanics(Intro), Entrepreneurial Workshop, Macroeconomics(Intro)  
Technical: Python, SQL, Java, Git, MC Office, Dart, Flutter, Figma, AWS, LaTeX, Matlab, Asana, Trello

## RELATED EXPERIENCE

**Software Developer**, Digiboard, Claremont, CA

September 2022 - December 2022

- Developed, deployed, and maintained a website that contains events organized by 7000+ students
- Built the front end & back end of the IOS & Android app using Flutter with a group of 4
- Designed and built the user experience on Webflow using HTML, CSS and JavaScript
- Analyzed data of 30+ user interviews, and presented on the need to prioritize the IOS app over the webpage supporting my argument with visuals using Matplotlib
- Identified the need for “study”, “fun”, “sports” categories, initiated and launched the three distinct calendars
- Presented weekly technical updates to possible investors and a class of 30+ entrepreneurs

**Intuit Idea Jam**, the Claremont Colleges, Claremont, CA

September 2022

*Product Management Case Competition (2nd Place & \$1000 awarded)*

- Conducted research on low customer retention rates by analyzing sub-reddit threads
- Designed a proposal for a web extension that addresses the issue of competitors and presented to Intuit PM's
- Formulated a testing method that helps navigate future iterations

**Front-end Developer Intern**, GoodChange, Claremont, CA

March - August 2022

- Built and deployed Goodchane's website using using Html, CSS, and JavaScript on Webflow
- Designed the home page and charity-specific donation pages on Figma which I learned in a week
- Planned and implemented the key features of the startup after 20+ user interviews

**Machine Learning Project Member**, Pomona College P-ai Club, Claremont, CA

January - May 2022

- Researched and tested the accuracy of 5 ML algorithms in identifying intrinsically disordered proteins
- Curated and visualized data of protein sequences using Pandas, Numpy and Matplotlib Python libraries
- Planned and delegated the weekly tasks/projects of 5 members using Trello for Project Management
- Presented the final presentation to 50+ undergraduates

**Teaching Assistant**, Pomona College Computer Science Department, Claremont CA

September - December 2021

- Mentored 30 students in their weekly Lab projects (Python)
- Explained the class material thoroughly and answered students' questions in weekly office hours

## LEADERSHIP & OTHER EXPERIENCE

**Career Development Office Peer Advisor**, Pomona College, Claremont, CA

August 2022 - Present

- Host drop-in hours to help students with their resumes and cover letters
- Planned and executed multiple panels (i.e, Pomona Sponsored Internships) with 6+ panelists and 70+ participants
- Assisted the professional staff in event planning by reaching out to 30+ individuals on LinkedIn or Email
- Optimized the process of explaining how to use CDO's Interview Rooms by designing & deploying a user-guide

**Founder & President**, Beach Volleyball Club Team, Pomona College, Claremont, CA

August 2022 - Present

- Refounded the club team after identifying a need for non-competitive, welcoming volleyball environment
- Manage 20+ students in weekly practices, give individual instructions for beginners, oversee the equipment

**Vice-President**, Turkish Student Association, Pomona College, Claremont, CA

August 2021 - Present

- Advocated for and awarded a budget of \$1400 by presenting the expenditure analysis of 2021 to administration
- Plan and lead on and off campus events for 10+ Turkish identifying students

## SKILLS / AWARDS

Languages: Turkish (Native), Spanish (Conversational), German (Beginner)

Richard Tapia Celebration of Diversity in Computing Conference Scholarship Award

August 2022