

Joseph Cho

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EDUCATION

University of Maryland, College Park, 4.00 GPA

Anticipated: May 2025

Bachelor of Science, Major in Computer Science, Minor in Statistics

Honors College: University Honors, Dean's Scholarship

Relevant Courses

Object Oriented Programming, Discrete Structures, Introduction to Computer Systems, Multivariable Calculus, Applied Probability & Statistics

WORK EXPERIENCE

Joseph Architects, Student Web Developer, Remote

May 2023 - Present

- Developing an architecture company website that showcases over 50 projects and goals (**React, ExpressJS, MySQL, Typescript**)
- Overcoming technological challenges related to building websites on scale

Private SAT Math Tutor, Self-Employed, Clarksburg, MD

June 2022 - June 2023

- Improved students' scores by an average of 100 points
- Constructed and taught lesson plans personalized for each student based on their weaknesses
- Enhanced the learning environment with the use of monitors, iPads, etc.

RELEVANT PROJECTS

Real Estate Price Predictor - Bitcamp 2023 - [GitHub](#)

April 2023

- Developed a web application with a team of four in 36 hours that predicts future median real estate prices in over 6000 zip codes across California through a map visualizer (**React, ExpressJS, Leaflet, MySQL, Pytorch**)
- Contributed to the project by completing most of the frontend and the backend

PlanetTerp Discord Bot - [GitHub](#)

March 2023 - March 2023

- Created a Discord bot that retrieves UMD professor data from the website PlanetTerp (**Discord4J, Selenium, PlanetTerp API**)

LMKWhenOpen - [GitHub](#)

April 2023

- Built a Google Cloud Function that notifies users when seats for a class are open via SMS (**Cheerio, Axios, Twilio, Firebase**)

Personal Website

December 2022 - January 2023

- Constructed a personal website that effectively displays interests and skills (**React, NodeJS**)

QwizzLette Desktop App

June 2023 - July 2023

- Created a desktop app with a team of two that replicates Quizlet but without the paywall (**Electron, React, ExpressJS, MySQL**)

SKILLS

Programming: Java, JavaScript, Python, HTML, CSS, React, ExpressJS, MySQL, Git

Other: After Effects, Premiere Pro, Photoshop