

# Joseph Cho

joseph.cho20@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | 301-377-2317 | Clarksburg, MD

## EDUCATION

---

**University of Maryland, College Park, 4.00 GPA**

**Anticipated: May 2023**

*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, Web Application Development with JavaScript

## WORK EXPERIENCE

---

**Joseph Architects, Student Web Developer, Remote**

**May 2023 - June 2023**

- Developed and deployed an architecture company website that showcases nearly 20 projects and goals (**React, ExpressJS, MySQL**)
- Overcame interpersonal and technological challenges related to reaching compromises with the client

**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.

**Teaching Assistant, St. Andrew Kim Korean School, Olney, MD**

**August 2018 - June 2022**

- Assisted teacher in grading homework packets, spelling tests, and discussions
- Led educational games and group activities
- Created educational videos to facilitate the transition to remote learning during COVID-19

## 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**

**May 2023 - Present**

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

**CMSC132 Visualizer**

**June 2023 - Present**

- Creating a web application that visualizes common data structures and algorithms (**React, NodeJS**)

## SKILLS

---

**Programming:** Java, JavaScript, Python, C, Assembly, HTML, CSS, React, ExpressJS, MySQL, Unix, Git

**Other:** After Effects, Premiere Pro, Photoshop