

Christopher Giang

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EDUCATION

University of Maryland, College Park

Sep. 2021 - May 2025

Bachelor of Science, Computer Science, Global Engineering Leadership Minor

Cumulative GPA: 3.3

- Dean's List (Fall 2021, Spring 2022, Spring 2023)

WORK EXPERIENCE

University of Maryland

College Park, MD

Tutor/Teaching Assistant

July 2023 - Present

- Conducted engaging guided study sessions and developed tailored lesson plans to enhance comprehension and retention for a diverse group of 20 students
- Collaborated closely with faculty to provide essential support as a tutor, consistently demonstrating strong communication and leadership skills while assisting students in achieving their academic goals

General Dynamics Information Technology

Reston, VA

Software Developer Intern

June 2023 - Aug. 2023

- Researched innovative techniques for obfuscation and deletion of personal data in automobile telematics systems.
- Successfully extracted telematics data from Toyota and Lexus cars through infotainment system using USB
- Created Python scripts to analyze telematic files and compare before and after factory reset of infotainment
- Discovered that phone identifiers, 95% of music history, and all location history remained after reset
- Aggregated online materials and presented my discoveries during the End of Summer Showcase

Tommy Hilfiger

Clarksburg, MD

Assistant Manager & Seasonal Sales Lead

July 2019 - Aug. 2022

- Trained and mentored 10 new hires in company processes, product knowledge, and customer service
- Managed and oversaw a 30-member sales team, responsible for delegating daily tasks, offering guidance, and coordinating weekly shift schedules

PROJECTS

Grocery List | *ReactJS, Python, Pandas, BeautifulSoup*

- Built a ReactJS web app prototype for a dynamic grocery shopping list illustrating compound interest effects.
- Developed a Python web scraper using BeautifulSoup and Pandas to gather pricing data.
- Placed 1st in Early Retirement Track of Georgetown University HoyaHacks Hackathon

Personal Portfolio Website v1 | *HTML, CSS, JavaScript*

Translator | *Ruby* - Created a custom data structure to convert the language and grammatical structure of sentences

C-based Shell | *C* - Incorporated key shell features such as boolean operations, pipes, and file redirection

Maze Solver | *Java* - Implemented DFS, BFS, and Dijkstra's Algorithm to find shortest cost path in an undirected maze

Blackjack Game | *Java* - Developed the logic and data structure used for a Blackjack game against a computer dealer

EXTRACURRICULAR EXPERIENCE

Hack4Impact-UMD

College Park, MD

Software Engineer Mentee

Aug. 2023 - Present

- Participating in a semester-long bootcamp to learn a comprehensive toolkit of full-stack web development skills
- Apart of a community of Student Software Engineers who work on creating software for non-profit organizations

Clarksburg High School

Clarksburg, MD

Wrestling Referee Assistant/Student Coach

Oct. 2022 - Jan. 2023

- Support wrestling referees in match coordination and assist in coaching and mentoring student-athletes

TECHNICAL SKILLS

- Languages: Python, C, Java, HTML/CSS, Javascript, Ruby, Ocaml
- Developer Tools: Git, VS Code, Visual Studio, Ubuntu, Eclipse

