

# Scott Chen

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## EDUCATION

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### University of Maryland, College Park

Bachelor of Science, Information Science, GPA: 3.647

Expected Graduation: Dec 2025

- Courses: Object Oriented Programming I & II, Discrete Structures, Applied Probability and Statistics, Database Design and Modeling, Statistics for Info Sci, Technical Writing, Technologies, Infrastructure, and Architecture

## EXPERIENCE

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### CodePath

May 2024 - Present

Tech Fellow

Remote

- Assist 2-3 groups of 2-3 students each with technical interview problems during bi-weekly course sessions
- Facilitate discussions and teach students problem-solving, data structure, and algorithm skills in Python
- Lead weekly office hours for a cohort of 300+ students, providing targeted support and troubleshooting for technical interview problems, resulting in improved student performance on homework assignments
- Promoted CodePath courses across University of Maryland social media platforms to support the mission of diversifying the tech industry

### FIRE Research Program

Jan 2022 – Dec 2022

Undergraduate Research Assistant

College Park, MD

- Took charge of the leadership of a team of 4 students that developed and presented a research poster on Shor's Algorithm to over 200 incoming FIRE students to boost excitement and interest in quantum machine learning at the 2022 FIRE Summit
- Delivered weekly team presentations, using Microsoft PowerPoint and Excel, on peer-reviewed research to enhance overall class understanding of Quantum Machine Learning

## PROJECTS

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### TerpScheduleSync | HTML, CSS, JavaScript, Git

Jan 2024 – Feb 2024

- Developed a Chrome extension as a project for the UMD Career Launch program, enabling UMD students to seamlessly import their semester course schedules from the university system to Google Calendar without worrying about security.
- Demonstrated exceptional project management skills by clearly documenting code and the user interface (UI), adhering to established timelines, surpassing all project benchmarks, and delivering the completed extension within a tight 4-week timeframe.
- Gave an overview of the project management process and growth plans to an audience of 100, comprising industry and other higher education professionals, in a professional setting, effectively conveying key messages.

### Gridclock Web Game | HTML, CSS, JavaScript, Git

April 2023

- Collaborated within a team of 3 to conceptualize, develop, and debug a maze runner game, "Gridclock," during the intense 36-hour duration of the Bitcamp 2023 hackathon.
- Used knowledge learned from computer science courses, such as creating test cases, to verify application code functionality, and crafted an engaging user interface (UI) to enhance user interaction and satisfaction.
- Enhanced user experience by implementing key features such as game initiation, termination, and score tracking, contributing to the game's overall functionality and enjoyment.

## TECHNICAL SKILLS

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**Languages:** JavaScript, Python, HTML, CSS, MySQL

**Developer Tools:** Git/GitHub, Visual Studio Code, Unix/Linux, Windows