

Miles John Keaveny

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Education

Wesleyan University, Middletown, Connecticut - *B.S. in Computer Science*

2019 - 2023, graduated May 2023.

- **Relevant courses:** COMP: Video Game Development, Computer Science 1 & 2, COMP: Algorithms and Complexity, COMP: Automata theory and formal languages, COMP: Automated reasoning, IDEAS: Digital Projects Lab, Calculus 1 & 2, Linear Algebra, Abstract Algebra, Discrete Mathematics
- **Campus Involvement:** University Club Soccer, Eclectic Society and Wesleyan (Game Dev) Hackathon (2022).

University of Sydney, Sydney, Australia

July 2022 - November 2022, Semester Abroad

- **Relevant courses:** Computer Graphics and Multimedia, Software Construction, and Interface Design
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Work Experience

Brothers Building Blocks - High School Computer Science Instructor (contract position)

July - Aug 2023, Brooklyn, New York

- Designed the curriculum for a summer term coding course for high school students.
- Taught basic coding via Scratch to a class of 16 students.
- Helped students to build their first fully functional animations, games and stories.

OurCampus - Front-End Developer

January 2023 - June 2023, Middletown, Connecticut

- Engineering the front end features of the 'OurCampus' application, Wesleyan's first software application that provides students with campus updates and access to campus resources.
- Working in Javascript to develop front end features of the OurCampus application using React Native.

Dexer - Software Engineering Internship

May - July 2022, Kansas-City, Kansas

- Developed the user interface for an application utilized by Dexer, a Kansas City-based speech and data collection application provider for use in the agriculture industry, using Xcode and Swift.
- Ensured quality of development by testing AGVoice functionality and code reviews.

TDS Telecoms - IT DevOps Intern

May - July 2022, Madison, Wisconsin

- Assisted Salesforce DevOps engineers in moving software development along a development pipeline for a Wisconsin-based national telecommunications provider.
- Gained experience with software that included Salesforce, Copado, Openshift, Kubernetes, and Jenkins.

Wesleyan University - Teacher Assistant for Intro to Programming Course

January - May 2022, Middletown, Connecticut

- Tutored and instructed students to help them learn the course content during labs and help sessions.
- Taught beginner students the fundamentals of python language and the best coding practices.

Camp Onas - Counselor and Director of Carpentry:

2015- 2019, Poconos Mountains, Pennsylvania.

- Worked as a counselor in a summer sleepaway camp in rural Pennsylvania. Worked all jobs from maintenance to guiding canoe and camping trips, while caring for and mentoring campers age 7-13.
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Projects/Skills

Video Game Development: Team leader for development of a video game which teaches elementary students about basic solar system and astrophysics concepts (university project). Oversaw level design, scripting (terrain generation, character movement collisions/interactions etc), and some UI/UX work. Utilized Gantt charts.

Portfolio Website: Personal website built from scratch using HTML5, CSS3, and Javascript and hosted on Github. See here: <https://mileskeave.github.io/Front-End-Portfolio/>

Software Experience/Skills: Unity, Front-End Development, JavaScript (TypeScript), CSS3, HTML5, C#, Swift, Xcode, Python, Java, Processing, DevOps, Github, PlasticSCM, React Native, Gradle, SQLite, Figma, SML, Racket, Docker, Salesforce, Copado, Openshift, Kubernetes, Jenkins.