

Liam Kilkenny

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EDUCATION

University of Central Florida, College of Engineering and Computer Science – Orlando, FL **May 2026**

Bachelor of Science in Computer Science Cumulative GPA: 3.7

University of Central Florida, College of Sciences – Orlando, FL **May 2026**

Bachelor of Science in Mathematics, Computational Track Cumulative GPA: 3.7

TECHNICAL SKILLS

Java, C, C#, C++, Haskell, Python, HTML5, CSS, JavaScript, TypeScript, Git, MySQL, LaTeX, OOP, Operating Systems

RELEVANT COURSEWORK

Computer Science: Object-Oriented Programming, Processes of Object-Oriented Development, Discrete Computational Structures, Systems Software, Operating Systems, Advanced Java Programming, Machine Learning, Artificial Intelligence

Mathematics: Linear Algebra, Differential Equations, Calculus 3, Physics 2 with Calculus, Advanced Calculus, Partial Differential Equations, Abstract Algebra, Numerical Methods, Statistical Theory, Cryptography

PROJECTS & RESEARCH

Turntable | Processes of Object-Oriented Development Class Project **February 2024 – April 2024**

- Collaborated in a team of seven as the project manager and API developer to create a full-stack application.

Financial Artificial Intelligence Research | Research Assistant **December 2023 – December 2025**

- Served as the computer scientist in a research project to use deep learning to predict changes in stock volatility.

Security Concerns in Agentic AI Systems | AI Team Lead **September 2025 – May 2026**

- Worked with the Georgia Tech Research Institute to develop an AutoGen agentic system then run red team/blue team attacks to determine the inherent security flaws.

LEADERSHIP & VOLUNTEER EXPERIENCE

Leadership Lab | Student | Orlando, FL **August 2023 – December 2023**

- Mastered the concepts that are required for leadership and discussed the many different important applications.

Volunteer UCF | Volunteer | Orlando, FL **August 2023 – Present**

- Assisted several organizations including UCF's Arboretum, United Against Poverty, UCF Creative School for Children.

EMPLOYMENT EXPERIENCE

McDonald's | Crew Trainer | Winter Springs, FL **August 2020 – July 2022**

- Ensured that everyone communicated effectively.
- Received Employee of the Month and Employee of the Quarter.

University of Central Florida | Residential Mentor | Orlando, FL **August 2023 – April 2024**

- Supported students with intellectual disabilities so they can secure employment after graduating.
- Developed superior communication skills by having check-ins and meetings.
- Resolved many problems that arose during the school year to ensure student success.

HONORS & ACTIVITIES

Phi Eta Sigma Honors Society **February 2023 – Present**

Dean's Honor Roll **Fall 2022 – Fall 2025**

President's Honor Roll **Fall 2023, Spring 2025**

Honors Undergraduate Thesis Program **Spring 2024 – Spring 2026**

Hack UCF Member **Fall 2023 – Present**

Deepak Pathak Memorial Scholarship **Spring 2025**