

Xutao Gao

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EDUCATION

University of Central Florida

Expected Graduation: Spring 2026

Computer Science

Orlando, FL

- Burnett Honors College; 4.0 GPA; Awards: Provost Scholar, President's Honor Roll (F'22, SP'22, F'23), Knights of Distinction, CompTIA Certified
- Relevant Courses Completed: Computer Science II, Object-Oriented Programming, System Software, Programming Language I, Discrete Structure II, Security in Computing

EXPERIENCE

SI Leader | Computer Science I

June 2023 – August 2023

- Offered out-of-class assistance to students taking Computer Science I and tutoring sessions aiding students in passing the CS foundation exam.
- Conducted tutoring sessions aimed at enhancing students' understanding and proficiency in computer science concepts.

Honors Congress | Mentor

September 2023 – December 2023

- Mentored individuals within the Honors Congress, delivering personalized guidance on academic development and campus engagement.
- Addressed personal needs and educational concerns, resulting in an improved overall mentee experience and enhanced academic performance.

PROJECTS | [Github.com/XutaoG](https://github.com/XutaoG)

Weather Forecast App | React Web App

March 2024

- Led the development of a weather forecast app using React with TypeScript for U.S. cities with detailed information and graphical displays.
- Utilized Redux Toolkit Query for data fetching and Redux for application-wide state management and access.
- Implemented Tailwind CSS for responsive web design and consistency.

Task Management App | React Web App

February 2024

- Designed and developed a responsive task management web application using ReactJS, featuring task addition, tracking, and removal functionalities.
- Implemented custom task categorization and due date tracking for finer-grained control and improved user experience.
- Utilized JSX/HTML/CSS for frontend display and Redux Toolkit for efficient state management.

E-commerce Application | Angular App

December 2023

- Developed a full-stack e-commerce application featuring categorization, search, and CRUD operations for items, incorporating input validation/sanitization and checkout functionality.
- Utilized Spring Boot Framework for the backend, Angular Framework with Bootstrap for the frontend, and established seamless communication through REST APIs.
- Implemented MySQL database with Spring Data JPA for precise database control.
- Collaborated with a team to enhance stylistic designs using custom CSS and Bootstrap Framework.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** CompTIA Security+, CompTIA Network+ (In progress)
- **Technologies:** ReactJS, Redux, Angular, Spring Boot, Git, JavaScript/TypeScript, Java, Python, HTML/CSS, PostgreSQL, C, Figma, REST API, Postman, Microsoft Word, Microsoft PowerPoint
- **Interests:** Working out, EDM, Tennis, cooking, Rick and Morty, Game of Thrones