

Ryan Garfinkel

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Education

University of Central Florida

Orlando, Florida

Bachelor of Science in Computer Science

Expected: Dec. 2025

- **Relevant Coursework:** Software Engineering (IP), Algorithms for Machine Learning (IP), Systems Software, Process for Object Oriented Software Development, Security in Computing, Computer Science I, II.
- **GPA:** 4.0

LinkedIn Learning Courses

- DevOps Foundations, Software Development Life Cycle (SDLC), Learning End-to-End Testing with Jest, Java 8 Essential Training, Sustainable Software Architecture.

Work Experience

IT Intern

June 2024 – Aug. 2024

Vertical Bridge

Boca Raton, Florida

- Displayed site metrics tiles and nearby sites using the Google Maps API to enhance data visualization.
- Made UI edits across multiple pages cleaning up forms to improve user experience and consistency.
- Created a POC to generate a sample one pager using QuestPDF.

Undergraduate Learning Assistant

Aug. 2023 – Apr. 2024

University of Central Florida

Orlando, Florida

- Mentored students taking COP 3502C through the Fall 2023 and Spring 2024 semesters.
- Facilitated 3 weekly recitation sessions to reinforce and clarify course concepts.
- Conducted 61 private tutoring sessions as well as weekly office hours to address student inquiries.

IT Intern

June 2023 – Aug. 2023

Vertical Bridge

Boca Raton, Florida

- Captured input fields in Excel to initiate requirements discussion.
- Leveraged SQL database to project tower cash flow of various sites on a ASP.NET page.
- Created an automation in UiPath to parse and upload daily lock box deposits into SharePoint.

Projects

CoHab Roommate App | *MongoDB, Node.js, Express.js, Socket.io*

Feb. 2024 – Apr. 2024

- Implemented Json Web Tokens to authenticate user requests to our server.
- Configured Socket.io to enable real time communication between users.
- Utilized Nodemailer to send verification codes verify user accounts.
- Developed REST API endpoints to perform CRUD operations on users and rooming groups.

Contact Manager | *PHP, MySQL*

Jan. 2024 – Feb. 2024

- Implemented 6 API endpoints to perform CRUD operations on users and contacts.
- Documented endpoint URLs and use cases on SwaggerHub.

Technical Skills

Languages: Java, Python, C, C#, HTML, CSS, JavaScript, TypeScript, Git

Frameworks: React, Node, Express, Angular, Tailwind CSS

Tools: GitHub, MongoDB, MySQL, Postman, SwaggerHub