

Kevin Dasrath

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Education

University of Central Florida | Orlando, FL
Bachelor of Science in Computer Science

Expected Graduation: December 2026
GPA: 3.75

Skill Summary

Languages: C, Java, Python, JavaScript, C++, Bash, SQL

Technologies & Frameworks: Git, HTML/CSS, Django, React, NodeJs, Vim, GitHub, Visual Studio Code, Eclipse, AWS, Linux, MacOS, Windows

Projects

Real-time Chat App

- Crafted an interactive website leveraging the power of JavaScript and React, enabling users to seamlessly communicate with each other in chat room spaces.
- Utilized Socket.io on the client side to manage WebSocket connections, allowing for room-specific message broadcasting.
- Deployed a SQL database to house user login credentials, ensuring secure user information storage with bcrypt.

Sorting Algorithm Visualizer

- Developed an interactive sorting algorithm visualizer in HTML, CSS, and JavaScript, providing users with options to view multiple sorting algorithms in real-time.
- Employed object-oriented programming principles to manage and animate visuals, encapsulating properties and behaviors within a reusable class.
- Created a responsive and flexible UI with CSS, guaranteeing accessibility across devices of varying sizes.

Personal Shell

- Built a lightweight shell program in C, supporting basic Unix commands, user directory navigation, and custom error handling.
- Integrated command-line input processing, allowing users to execute programs with up to 32 arguments and leverage inter-process communication through pipes for redirected output.

Relevant Course Work

- Artificial Intelligence, Programming Languages (C++, JavaScript, Python, Haskell), Security In Computing, Matrix & Linear Algebra, Computer Science II (Advanced Data Structures & Algorithms), Systems Software, Object Oriented Programming

Employment Experience

Chili's - Server & ToGo Specialist

December 2021 - May 2024

- Served hundreds of customers daily, making suggestions catered to their specific interests.
- Fulfilled up to two hundred in-person, over-the-phone, and online orders daily in a timely manner.
- Utilized menu knowledge to upsell guests with add-ons and limited-time offers, reaching up to \$2000 in daily sales.
- Coordinated with team members in a fast-paced, dynamic environment to ensure the quality of every meal.

Winn Dixie - Grocery Associate

April 2021 - December 2021

- Created an enjoyable shopping experience by building meaningful relationships with shoppers.
- Oversaw reception of shipments and stocked store while maintaining cleanliness and organization.
- Resolved customer grievances through communication and by helping work toward a clean solution.

Involvement

Theta Tau - Co-ed Professional Engineering Fraternity

November 2023 - Present

- Planned, organized, and attended various events for community service and philanthropic endeavors
- Served as a member of committees including: Mediation, Policies & Procedures, and New Member Education

Destination Mars - Kennedy Space Center Kickoff

October 2023

- Partnered with Kennedy Space Center and Boeing to create a unique learning experience for Brevard County students
- Chaperoned groups of up to 20 students, assisting and guiding them around the facility