

Kevin Dasrath

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Education

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

Expected Graduation: May 2026
GPA: 3.72

Skill Summary

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

Technologies & Frameworks: Git, HTML, CSS, Django, React, Vim, GitHub, Visual Studio Code, Eclipse

Projects

Sorting Algorithm Visualizer

- In HTML and CSS, designed an interactive application for creating datasets and visualizing multiple sorting algorithms
- Developed animations with JavaScript, utilizing object-oriented principles to manage and animate visuals smoothly
- Included a responsive design, allowing the program to be accessible and visible on varying platforms and screen sizes

Personal Shell

- Created a shell interpreter, capable of handling built-in commands and utilizing system calls to manage external programs
- Implemented functionality to support directory navigation within the shell, allowing for a buffer size of up to 1024 characters
- Integrated system calls to effectively handle error management, enabling proper resource cleanup on termination
- Included ability for users to execute commands with up to two pipes, guaranteeing inter-process communication

Web Portfolio

- Developed a user-friendly digital portfolio, using HTML to structure and section off content
- Added interactive elements with JavaScript, including smooth scrolling and menu toggles to aid in user accessibility
- Stylized portfolio with CSS, creating dynamic color schemes as well as mobile compatibility with media screens
- Utilized external libraries such as Google Fonts to further enrich and improve portfolio design

Relevant Course Work

Completed

- Matrix & Linear Algebra
- Computer Science II
- Object Oriented Programming

In Progress

- Systems Software
- Artificial Intelligence
- Programming Languages

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 towards a clean solution
- Used product knowledge to help shoppers quickly find the items they need

Involvement

Theta Tau - Co-ed Professional Engineering Fraternity

November 2023 - Present

- Helped plan and organize events for the fraternity, with attendance of up to 50 individuals
- Participated in a local clean-up of Lori-Wilson Park, picking up and disposing of trash left on the shoreline
- Coordinated meeting times around the schedules of members, using time management tools such as Google Calendar

Light Orlando - Frontline Outreach Community Cleanup

February 2024

- Collaborated with members of Frontline Outreach to help clean up the streets of the Washington Shore area
- Organized and grouped children with chaperones, distributed necessary tools, and guided them around the community

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 them with each challenge that they were assigned