Elijah Smith

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EDUCATION

Computer Science (BS), Mathematics Minor   Orlando, FL | Expected May 2023
University of Central Florida, 4.0 GPA
Organizations: Knight Hacks, STEM Ambassadors, WEAR Lab, Google Developer Student Club

EXPERIENCE

IMC | Software Engineering Intern   Chicago, IL | Jun – Aug 2022

- Created an internal simulation tool for Kubernetes clusters using Golang.
- Developed a dashboard for visualizing results using TypeScript and React.
- Deployed tool to Kubernetes using Helm charts and Docker.

FLORIDA BLUE | Application Development Intern   Remote | May - Aug 2021

- Worked with the Enterprise Reporting Core Capabilities team to develop new report management tools using React, Node.js, Express.js, and MSSQL.
- Created server routes for fetching new report data, wrote automated data integrity tests, designed new report formats, and improved content presentation and accessibility.

KNIGHT HACKS | President, Front-End Team   Orlando, FL | Aug 2021 - Present

- Overseeing club operations, conducting interviews, providing check-ins with and resources for members of leadership, and planning weekly events to help students grow technically and non-technically.
- Developing an internal admin tool using React and Tailwind CSS to facilitate responsibilities of hackathon organizers during and leading up to the event.
- Previously served as Vice President and Projects Director during the 2021-2022 academic year.

WEAR RESEARCH LAB AT UCF | Researcher, Team Lead   Orlando, FL | Oct 2019 - Jan 2022

- Developed innovative, wearable technologies and robotic systems to assist, enable, or augment human activities through team-based research and interdisciplinary collaboration.
- Project manager and software dev on the Wearable Feedback for Environmental Interpretation project (WeFEI).

PROJECTS

MOBILE DECK OF CARDS ↗   TypeScript, Express.js, Socket.io, MongoDB Atlas, Azure

- Developed the backend Express server and debugged front-end React Native code for a mobile app that allows groups to play any impromptu game that requires a deck of cards.
- Implemented game logic, authentication routes, replay storage and retrieval, and client-server socket connections.

BANDNAMES ↗   TypeScript, Chrome API

- Passion project Chrome extension to provide username suggestions in the form of ridiculous band names.
- Allows selection from a pre-generated list or mix-and-matching new combinations of a noun and adjective.
- Configuration for URLs to open popup automatically when navigating to specific sites.

KRONOS ↗   Python, tkinter, Google Calendar API

- Python calendar application that breaks down your timeliness to help improve organization.
- Implemented calendar and events GUI, data storage using JSON files, and Google Calendar integration.

SKILLS

Advanced: JavaScript, TypeScript, React, Golang, Java   **Technologies:** Docker, Kubernetes, Helm, Socket.io, Node.js, Azure, Linux
Proficient: C, Dart, Python, SQL   **Soft Skills:** Agile, Leadership, Self-Motivated Learner, Strong Communicator