Cole Sandlin

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EDUCATION

University of Kentucky   Lexington, KY
Bachelor of Science in Computer Engineering   May 2023
- Minors: Computer Science, Mathematics
- GPA: 3.1/4.0

RELEVANT COURSEWORK

Advanced Computer Architecture, Algorithm Design and Analysis, Communication and Switching Networks, Cybersecurity, Intro to Artificial Intelligence, Intro to Database Systems

SKILLS

Languages: ARM Assembly, C, C++, CSS, HTML, Java, JavaScript, MATLAB, Python, SQL
Technologies: Git, Hugo, Node.js, React Native

PROJECTS

MMM-Streamflow Module   Oct. 2023 – Nov. 2023
- Created a MagicMirror² module using Node.js that displays water data for the user's location
- Utilized REST API calls to the United States Geological Survey to obtain real-time data

Portfolio Website   Aug. 2023 – Sept. 2023
- Built a static portfolio website with Hugo and hosted it on GitHub Pages
- Used the PaperMod theme as a template and personalized it with custom HTML and CSS

PharmaQuiz App   Aug. 2022 – Dec. 2022
- Developed a cross-platform quiz app for pharmacy students in React Native as part of a team and in collaboration with the National Association of Boards of Pharmacy
- Implemented a back-end Cloud Firestore database to store user-generated questions

EXPERIENCE

University of Kentucky   Lexington, KY
Physics Peer Tutor   Jan. 2020 – May 2020
- Provided drop-in peer tutoring for PHY211, PHY213, PHY231, and PHY232
- Assisted small groups of students in mastering course concepts, completing assignments, and developing effective study skills

AWARDS

Kentucky Colonel   Feb. 2018
University of Kentucky Presidential Scholarship   Jan. 2018
Eagle Scout   Jan. 2017
Kentucky Governor's Scholars Program   Jul. 2017