Nicholas B. Stuhldreher

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OBJECTIVE

Dedicated and passionate computer science student looking to learn more about the impacts of computer science on industry.

SKILLS

Language Proficiency: Java, C, C++, JavaScript, C#, SQL, Python, Haskell
Technologies: React, MongoDB, ExpressJS, Django, MySQL, Autodesk Revit, Powerpoint, Excel, Word, Photoshop, Illustrator, Indesign, Arduino
Certifications: Adobe Photoshop, Adobe Illustrator, Adobe Indesign, Autodesk Revit

EDUCATION & COURSEWORK

Bachelor of Science, Computer Science
University of Central Florida, Orlando, FL, expected May 2024

Relevant Coursework
- *Data Structures and Algorithms:* Learned foundational data structures and algorithms
- *Databases:* Learned database design via entity relationship model, relational calculus, relational algebra, and MySQL
- *Object Oriented Programming:* Learned about principles of object oriented programming
- *Processes of Object Oriented Software Development:* Learned how to develop web applications using the agile methodology and the MERN tech stack

PROJECTS

GLEE (Great Lunar Expedition for Everyone)   Fall 2022 - Summer 2023
Developer on a team programming a ChipSat which will be deployed to the moon in 2023
- Collaborated with a team associated with UCF radio club developing a LunaSat
- Programmed a variety of sensors to collect data on temperature, magnetic field, and inertial measurements using C++

Game Review App   Summer 2023
Developer on a team that created a Game Review App.
- Developed a mobile and web application where users can create an account, post video game reviews, and see reviews from other users
- Created using the MERN stack. MongoDB, ExpressJS, React, and NodeJS

Acanthis Project   Fall 2021
Developer on the payloads team working on a rocket associated with Knights Experimental Rocketry
- Collaborated with a team of engineers and exercised the ability to communicate my work at a comprehensible level
- Programmed a variety of sensors in the payload some including an accelerometer and barometer using C++

VOLUNTEER ACTIVITIES

Habitat for Humanity: Built affordable housing in New Orleans
Ronald McDonald House: Cooked food for residents of the Orlando community
Habitat for Humanity Restore: Built furniture to sell and fund housing projects