# Nicholas B. Stuhldreher

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**OBJECTIVE**

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

**SKILLS**

*Language Proficiency:* Java, C, C++, JavaScript, C#, SQL, Python, Haskell
*Technologies:* Visual Studio Code, Autodesk Revit, Powerpoint, Excel, Word, Photoshop, Illustrator, Indesign, MySQL, Arduino, React, MongoDB
*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
- *Programming Languages:* Learned properties of a variety of programming languages including JavaScript, C++, C#, and Haskell

**PROJECTS**

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

*Game Review App*                Summer 2022
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