Nicholas Floyd

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www.linkedin.com/in/nfloyduiowa
https://github.com/Nicholas-Floyd/UIowaProjects

Recent Computer Science and Engineering graduate from the University of Iowa with a strong foundation in both software and hardware systems. Passionate about solving complex problems dealing with both computer science and/or electrical engineering. Experienced in full-stack development, database development, embedded systems, and circuits. Eager to contribute technical skills, adaptability, and a collaborative mindset to innovative projects that make a meaningful impact.

Skills

- **Python, CSS, HTML, JavaScript, Java, C, C++, C#, Assembly**
- **Database programming with MySQL, AWS, Sqlite, and bits of Oracle**
- **MatLab, AutoCad, Unity**
- **JUnit testing, Performance testing, Regression Testing**

Work History

Front End Associate
Lowes, Coralville, IA *April 2023 - Current*
- Welcomed and engaged customers, offering assistance with locating or retrieving merchandise
- Worked flexible schedule and extra shifts to meet business needs

Catalog Migrator
Leepfrog Technologies, Coralville, IA *October 2022 - September 2024*
- Responsible for taking data from clients and rewriting it so it works with the company software
- Communication with the team over specific tasks and roles to handle

Education

Bachelor of Science in Computer Science and Engineering
University of Iowa, Iowa City, IA *August 2021 - May 2025*
- Data Structures, Algorithms, High Performance Computer Architecture, Database Systems
- Electrical Circuits, Embedded Systems, Electric Drive Systems, Control Systems

Associate of Arts
Kirkwood, Cedar Rapids, IA *August 2018 - May 2021*
- Oral Communication, Composition, Statistics and Probability
- Received AA before high school diploma

Projects (Find more at my GitHub)

Fully functioning model Election Website using Flask. Uses MySQL database to keep information, voting records, polling booth info, etc while allowing the DB to be dynamic with user input

Automatic AC embedded project using Assembly and C. Uses temperature sensors for adjusted cooling as well as a Real Time Clock for users to automatically set on or off at a given time of day.