Nathan (Tucker) Dickson

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Current Address: 325 E College St (Unit 1626), Iowa City, IA 52240
Permanent Address: 317 Wolfe Lane NE, Mount Vernon, IA 52314

EDUCATION

The University of Iowa, Iowa City, IA — Anticipated May 2023
B.S., Engineering (Computer Science and Engineering Program)

- GPA: 4.14
- University Honors Program
- Dean's List: Fall 2019 – Present
- President's List: Spring 2021 – Present

WORK EXPERIENCE

Software Engineering Intern — May 2022 – Present
Collins Aerospace, Cedar Rapids, IA

- Collaborating with a team of engineers to create and test software used in cockpit displays
- Leading an effort to upgrade outdated lab computers

Teaching Assistant — August 2021 – May 2022
University of Iowa College of Engineering, Iowa City, IA

- Aided in administration ENGR:2730 Computers in Engineering (Object-Oriented Programming)
- Graded homework assignments and proctored exams
- Held weekly office hours to aid students

Programmer Analyst Intern — January 2021 – August 2021
GreatAmerica Financial Services Corporation, Cedar Rapids, IA

- Improved efficiency of company applications, maintained data integrity, and solved code-level issues reported by internal employees
- Gained experience using SQL Server Management Studio to query data and improve database objects such as stored procedures and tables
- Gained experience working using software development tools such as Github and Visual Studio 2019
- Formed strong communication skills by working through software bugs with users

Lifeguard — May 2016 – August 2019
Mount Vernon Swimming Pool, Mount Vernon, IA

- Enforced pool rules to ensure a safe and comfortable environment
- Developed strong teamwork skills by interacting with a team of lifeguards

RESEARCH EXPERIENCE

Undergraduate Research Assistant
Iowa Institute of Technology, Iowa City, IA — October 2020-January 2021

- Served on web development team for the ImagiQ project
- Strived to create an asynchronous, decentralized learning platform for medical imaging