

William (Liam) Stamper

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Education

The University of Iowa, Iowa City, IA

August 2021 – Anticipated December 2024

Bachelor's Degree in Computer Science, Minor in Mathematics

- **Course Work:** Data Structures, Discrete Structures, Calculus I-III, Matrix/Linear Algebra, Computer Science I-II, Algorithms (currently enrolled), Software Development (currently enrolled)
- **Extracurriculars:** Active member of the Association for Computing Machinery (ACM), UlowaHackathon 2023 Award Winner, Spanish Club member

Experience

Full Stack Developer Group Intern

May 2022 – August 2022

Quality Manufacturing, West Des Moines, IA

- Engineered and deployed **5+ dynamic form applications** leveraging JavaScript, HTML/CSS, Ajax, MySQL, JSON and PHP
- Completed an intensive training program on web development framework and best practices
- Collaborated within a **5 person team** to fulfill the technical requirements of over **10 client companies**, enhancing customer satisfaction and operational efficiency

Projects

SeatStock | *React.js, Tailwind, Python, MySQL*

August 2023 – Present

- Co-founder and Lead Frontend Developer of a student ticket sales startup
- Authored over **5000 lines** of advanced React.js using Tailwind CSS
- Contributed to backend management, database, web hosting and Docker

Covid-19 Data Visualizer | *Python, Flask, Pandas, Plotly, HTML/CSS*

November 2023 - Present

- Designed and Implemented a web application utilizing Flask and Plotly to visualize COVID-19 datasets from John Hopkins University
- Developed a comparative analysis feature enabling users to contrast COVID-19 trends between various countries and regions

Languages / Technologies

• **Languages:** Proficient in Python, Java, C++, JavaScript (including ReactJS), and SQL; knowledgeable in HTML/CSS and Tailwind CSS

• **Technologies:** Experienced with Git, Subversion, Docker, and familiar with Agile development methodologies