

DAKOTA MOORE

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<https://github.com/DAMooreSE/Portfolio>

Experience

OCTOBER 2021 – Current

Software Engineer, Freelance

Contracted to develop a web application that has a recording utility run on a host machine that can be controlled remotely on another device. Project work includes standard software requirements gathering and documentation, meeting with a client, as well as using JavaScript, Node.JS, Firebase, React, Yarn, Microsoft Studio Code, Git, and Aperture-JS to develop a web-hosted application that more easily allows the client to create pre-recorded lectures.

Education

AUGUST 2014 - DECEMBER 2020

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING, Iowa State University

Graduated with a bachelor's degree in Software Engineering at Iowa State University with a cumulative GPA of 2.46. Coursework includes the understanding and use of the Java, C, C++, MATLAB, MySQL, Blockchain, JavaScript, TypeScript, NPM, React.js, Firebase, Node.JS, HTML5, JSON, Python, and other programming software and tools such as Git, Eclipse, and Microsoft Studio Code, with courses specializing in object-oriented programming, data structures, full stack development, DevOps development, cyber security, data management/manipulation, software architecture development, as well as studying algorithms and their efficiencies.

Skills

- Extensive knowledge of Computer Science and software engineering methodologies, standard practices, and architecture designs.
- Experience developing and deploying applications to a user interface using technologies such as JavaScript, Node.JS, Yarn, React, Firebase, and others.
- I have knowledge and experience following standard software development practices, such as Agile (Scrum and XP), Continuous-Integration/Continuous-Deployment (CI/CD), Test-driven development, etc., while working both alone and in a team.
- Knowledge and experience creating supporting documentation using UML standards during software development.
- Proficient or experienced with Java, HTML, CSS, JavaScript, React, Node.JS, C, C++, SQL, and other languages/frameworks.
- Ability to troubleshoot and debug software development issues.
- Experience working in a small team to deliver software solutions, whilst establishing quality, timeliness, and team-wide adherence to architectural practice and guidelines.
- Able to quickly learn new skills, development tools, programming languages or platforms.
- I have software development experience using both full stack development as well as DevOps development.
- Experience supporting a software's lifecycle with quality assurance tasks, outlining test cases, acquiring test data, executing test cases and identifying defects prior to production.
- Experience with Imperative programming, Structured Programming, and Object-oriented programming as well as knowing the proper situations for each.
- Background/knowledge in Cyber Security as well as Aerospace Engineering.