DAKOTA MOORE

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https://github.com/DAMooreSE/DAMooreSE

Experience

OCTOBER 2021 – Current
Software Engineer, CodeClapper
I was contracted to be the sole software engineer working to develop Code Clapper, a web application that consists of a recording utility running on a host MacOS machine that can be controlled remotely from 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 Visual Studio Code, Git, and Aperture-JS to develop a recording software application with expanded functionality that more easily allows the client to create pre-recorded lectures by reducing the amount of work needed for post-production.

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 in December 2020. Coursework includes the understanding and use of the Java, C, C++, MATLAB, MySQL, Blockchain, JavaScript, NPM, React.JS, Node.JS, Android Studio, HTML5, CSS, 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, embedded systems, full stack development, DevOps development, cyber security, data management/manipulation, software architecture development, as well as studying algorithms and their efficiencies.

Skills

- I have extensive knowledge of Computer Science and software engineering methodologies, standard practices, and architecture designs.
- I have experience developing and deploying applications with web hosted user interfaces using technologies such as JavaScript, Yarn, React.JS, 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, version control, etc., while working alone or in a team.
- I have knowledge and experience creating supporting documentation using UML standards during software development.
- I am proficient or experienced with Java, HTML5, CSS, JavaScript, React.JS, Node.JS, C, C++, MySQL, and other languages and frameworks.
- I have experience working as a solo developer as well as in a small team to deliver software solutions, whilst establishing quality, timeliness, and team-wide adherence to architectural practice and guidelines.
- I am able to quickly learn new skills, development tools, programming languages or platforms and have experience teaching myself to use new languages and software in the development of software applications.
- I have 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.
- I am knowledgeable and experienced using Imperative programming, Structured Programming, Object-oriented programming, as well as others.
- I have experience troubleshooting and debugging software development issues.