

Kevin Hall

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GitHub: github.com/OmegaKey

Education

Master's in Computer Science | GPA: 3.88
Georgia Institute of Technology - Atlanta, GA

Bachelor's in Computer Science | GPA: 3.15
Florida State University - Tallahassee, FL

Work Experience

- **Volunteer | Interactive Web Designer**
November 2019 – September 2020
 - Created an interactive webpage utilizing tab pages, buttons, and lists designed to be UX friendly and allow simple storage and retrieval of important information for a client as a front-end developer.
 - The visual front end for the webpage was created through HTML5, and CSS.
 - Manipulation and storage of data was handled asynchronously using input elements under JavaScript.
 - Python scripts were created to convert large subsets of data in Excel documents directly into usable JavaScript objects for use with the webpage.

Educational Accomplishments and Knowledge

- Implemented the front-end for a survey questionnaire using HTML5, JavaScript, PHP, and JSON connected to a test FHIR server database
- Responsible for selection and placement of objects, collision ray-casting, and level editing of a prototype education game created with Unity utilizing C# object scripting
- Programmed a school schedule simulator using Java following software development processes (SDLC) under Swing GUI framework and event handling
- Created a lightweight asteroid clone in Java utilizing Object Oriented Programming (OOP) methodology and state design pattern
- Utilize source control with Continuous Integration (CI) and Continuous Delivery (CD) practices in software engineering projects to ensure timely deployment of software
- Comfortable in an Agile and Waterfall work environment with knowledge of other methodologies, including actively participating in scrums and sprints
- Experienced in conducting comprehensive code reviews for quality, including feedback
- Communicates complex issues to team members with varying degrees of technological expertise to facilitate cooperation and efficiency
- Ability to work independently or collaborate in teams, including actively supporting team members or leading a team to success

Skills, and Abilities

- **Programming Languages:** C++, C#, Java, JavaScript, Python, SQL, XHTML/HTML5, CSS
- **Platforms:** Windows, Linux, Android
- **Tools:** Git, GitHub, Bitbucket, Bash, Shell, Visual Studio, Visual Studio Code, IntelliJ IDEA