Kevin Hall

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GitHub: github.com/OmegaKev

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 | Front-end Developer**
  November 2019 – September 2020
  - Constructed an interactive webpage front end for a client complete with 6 page-tabs, 38 buttons, and 18 lists designed to be UX friendly and allow users to store and retrieve important information from data fields.
  - Completed the project with over 7000 lines of code between all work files.
  - Handled manipulation and storage of data asynchronously using callbacks through input, select, and button elements under JavaScript.
  - Designed a Python script to convert over 3,000 entries of data in Excel files into usable JavaScript objects for use with the webpage involving interactive data.

Accomplishments, Communication, and Knowledge

- Collaborated in a team to implement a 30-60 question survey based on BRFSS using HTML5, JavaScript, JSON, and PHP connected to a test FHIR server database
- Implemented level editing and selection, placement, and collision ray-casting of objects in a prototype education game engineered with Unity employing C# object scripting
- Created a school schedule simulator using Java following software development processes (SDLC) under Swing GUI framework and AWT event handling
- Developed a lightweight asteroid clone in Java 8 under 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
- Motivated to succeed in a moderated Agile or Waterfall business environment
- Actively participate in arranged scrums or sprints to complete deliverables by deadlines
- Practiced in conducting comprehensive code reviews for quality and feedback
- Guided team members with varying degrees of technological expertise through complex issues to facilitate cooperation and work efficiency in projects
- Experienced in working independently as required or in a team of 2 or more members
- Coordinated work between 3-5 team members and negotiated the timing of deliverables

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