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|  | Kyle Hix | | | | | | | |  |
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|  | (803) 795 – 7014 | [khix10@gmail.com](mailto:khix10@gmail.com) | github: [github.com/kylehix10](https://github.com/kylehix10) | | | | | | | |  |
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|  | Skills |  |  | Projects |  | | |  |  |
|  | • ProgrammingJava • C++ • SQL • HTML• Data Collection, Processing, and Analysis• Communicate Information Orally and in Writing• Microsoft Office Programs • CAD (Solidworks) • Management• Agile | |  | **Language Learning Application** | Java & JavaFX  A phone application where users can study a language and keep track of their progress.  Role: Project Manager  O Designed using UML diagrams  O Utilized SCRUM boards to manage and monitor completion of tasks.  O Constructed the GUI using JavaFX in Scenebuilder.  **Current Projects:**  **Property Management Software | King Tree Investment LLC**  Java & JavaFX: An application that calculates the total cost of renovations, profit gained, and what to offer the seller. Data is saved for each individual property.  **Athlete Statistics Recorder** | Java & JavaFX  A program to quickly update an athlete’s stats during the competition and keep track of team scores and records. | | | | |  |
|  | Education |  |  | Experience | |  | |  |  |
|  | Bachelor of Science:Computer Science ‘26University of South Carolina – Columbia, SCMaster of Science: Biological Sciences ‘22Clemson University– Clemson, SCBachelor of Science: Biological Sciences ‘19 University of South Carolina – Columbia, SC | |  | **Undergraduate Teaching Assistant** • University of South Carolina : 08/2024 – Current  O Algorithmic Design I  O Assist in teaching students the fundamentals of object-oriented programming.  **Science Educator** • Beaufort Middle School • Beaufort County School District : 07/2020 – 06/2023  O Progress monitored students to track trends in their growth. Maintained assessment graded and worked closely with students to obtain mastery of objective.  O Demonstrated positive and effective classroom management skills.  O Planned, prepared, and taught lesson plans, which provided students with differentiated instruction.  O Designed innovative science curricula to engage students and promote critical thinking.  O Coordinated and collaborated with other faculty members to improve school climate and instruction. | | | | |  |
|  | CourseWork |  |  |  |
|  | • Software Engineering• Adv. Programming Techniques.• Unix/Linux Fundamentals• Digital Logic Design • Algorithmic Design  • Data Structures and Algorithms (SP 25)  • Operating Systems (SP 25)  • Intro to Computer Networks (SP 25) | |  |  |