KEVIN GAO

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OBJECTIVE SUMMARY

I am actively seeking a dynamic position in the field of software engineering or development where I can utilize my strong educational background and diverse skillset in computer science and mechanical engineering. I am committed to contributing and learning in innovative environments in hopes of bringing impactful advancements in a professional setting.

EDUCATION

Georgia Southern University | Statesboro, GA   **May 2023**

- Bachelor of Science in Computer Science
- Cumulative GPA: 3.39/4.00

Georgia Southern University | Statesboro, GA   **December 2020**

- Bachelor of Science in Mechanical Engineering
- Cumulative GPA: 3.46/4.00
- Accomplishments: Dean's List (Fall 2016, Spring 2017, Fall 2017, Fall 2020), President's List (Spring 2020)

TECHNICAL SKILLS

- Programming: Java, C++, Python, JavaScript, CSS, SQL, Simulink, MATLAB
- Software: SOLIDWORKS, ANSYS, Unreal Engine 5, Excel, Microsoft Office
- Concepts: AGILE, distributed web systems design, software testing & quality assurance, human computer interaction, object-oriented programming, data structures

CAPSTONE PROJECT

Team Lead, Department of Computer Science, Georgia Southern University

Digital Twin

- As team lead, discussed workloads and goals with each team member and acted professionally as a communication point between the client, professor, and the team.
- Organized and documented progress of work on project and maintained GitHub & project board to match actual timeline.
- Researched methods of real-time data sharing potentials between Simulink & Unreal Engine 5 and learned basic foundation of MATLAB & Simulink applications for aircraft simulations.
- Designed mock visual scripts in Simulink and Unreal Engine 5 to process & receive data and send real-time data to Unreal Engine 5

RESEARCH EXPERIENCE

Research Assistant, Department of Mechanical Engineering, Georgia Southern University

Vibration-based Damage Detection

- Conducted studies on mechanical vibrations and motion magnification
- Established comprehensive understanding of vibration characteristics
- Collected and analyzed sample data to contribute to research findings

Airborne Nanoparticle Research

- Collected, processed, and compared airborne nanoparticle size data for extensive analysis
- Calibrated instruments for precise data collection, documenting all relevant findings
- Investigated the penetration of smoke nanoparticles across various filter media

WORK EXPERIENCE

Cashier, Southern Crab House | Statesboro, GA   **November 2022 - Present**

- Active listening and attentive to detail when carrying out customer orders
- Friendly and positive interpersonal communications with co-workers & customers
- Reliable and organized in dealing with cash and card transactions
- Conflict resolution & problem solving skills

Cashier, Linda's Seafood Market | Statesboro, GA   **2018 – 2022**

- Active listening and attentive to detail when carrying out customer orders
- Friendly and positive interpersonal communications with co-workers & customers
- Reliable and organized in dealing with cash and card transactions