Kirchman Trinh

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SUMMARY OF QUALIFICATIONS

- 5 years of programming experience.
- Software Developer: C#, Python, C++, Java.
- Full-stack Web developer: HTML5, CSS, PHP and Apache web server.
- IT skills: MSSQL, MySQL, Pentaho.
- Keen and strong interest in STEM fields.

EDUCATION

Bachelor of Computer Science *August 2020*-December 2024

Minor in Mathematics *August 2020-May 2023*

University of South Alabama, Mobile, Alabama

- GPA: 3.4/4.0

SKILLS

- Proficient programming experience in Python, C, C#, C++, Java.
- Minor front end & back end web development.
- Creating and maintaining servers and databases.
- Building data warehouses to modify and store an assortment of data
- Sanitizing and securing code.
- Collaborating with teams and clients to develop project management skills to meet deadlines.

PERSONAL PROJECTS

- Developed a python bot to automate tasks using openCV.
- Using python and a JSON from healthlit.gov to report and analyze covid deaths from 2020-2022
- Application Development with C# and visual basic to convert an author, source, title, website, and date into MLA format
- Developing a personal use app to track my heart rate using ANT+ to display on a personal website.

RECENT ACADEMIC PROJECTS

Weather Researcher data warehouse | Data warehousing Spring 2023

- Developed a data warehouse to store wind speed, rain fall, temperature in a region.
- Sanitizes data to be able to merge different file types and values.
- Learned development life cycle and efficient data warehouse schemas.

United States Candidate Voting system | Software Engineering Principles Spring 2023

- Communicated and led a group of peers to complete a project.
- Programmed in python to create a UI and read files or input valid candidates, used MongoDB to store the information into tables on a server.
- Used industry standard management techniques such as agile and waterfall to finish our product on time.

MPI Distance program | Concurrency and Distributed Computing Spring 2024

- Wrote C++ code that could run parallel in finding the distance between two points in vector space.
- Created Linux scripts to run code on the National Alabama Supercomputer.