
Ryan Hoang

706.513.6022 • Evans, GA 30809 • ryanbh1991@gmail.com • www.linkedin.com/in/ryhoang

WORK EXPERIENCE

Savannah River Nuclear Solutions – Aiken, SC

06/2024 - PRESENT

Associate Engineer

Responsible for the design of the Data Management System and development of Server Monitoring Application

- Developed a Reporting full-stack application with SQL, C#, and React.js, structured in a microservice architecture
- Developed a Server Monitoring full-stack application with SQL, C#, and React.js, structured in an n-tier architecture, to monitor Windows and Linux server performance (device, CPU, process information, etc.)
- Created SQL stored procedures, C# models, data handlers, business objects, controllers, and endpoints to support all HTTP request types (GET, POST, PUT, DELETE)
- Implemented user authentication and role-based authorization using JWT
- Reviewed, improved, and reformatted React.js code, including reviewing pull requests of coworkers' code
- Collaborated with stakeholders to generate requirements to create system design and requirement documentation
- Set up Linux VM and developed C# code to establish SSH connections, retrieved system information, and formatted data using Regex
- Utilized Power Automate to automate email reminders, including birthday information

Savannah River Nuclear Solutions – Aiken, SC

05/2023 – 06/2024

Process Software Engineering Intern/Apprentice

Responsible for the design and development of the Scheduling Application

- Developed Scheduling Application using n-tier architecture
- Reformatted front-end of Scheduling Application using React.JS
- Generated search and insert stored procedures using SQL
- Developed the data-access layer and business-logic layer for Scheduling Application using C#
- Implemented controllers and formulated test scenarios through unit testing for Scheduling Application using C#

Savannah River Nuclear Solutions – Aiken, SC

05/2022 – 08/2022

Process Software Engineering Intern

Responsible for the design and development of the Data Management System

- Researched and presented findings on data mesh and data lake architectures
- Implemented Sprint Planning on Azure DevOps
- Designed and revised software specification documents in Rational DOORS
- Led team building exercises, incorporating feedback from the previous year

Savannah River Nuclear Solutions – Aiken, SC

05/2021 – 08/2021

Process Control Engineering Intern

Ryan Hoang

ryanbh1991@gmail.com

Executed daily tasks and responsibilities as directed by Management

- Designed office and network layout in Visio
- Designed and revised software specification documents in Rational DOORS
- Coordinated with team to produce user guide documentation for Rational DOORS and MS Teams
- Led team building exercises

EDUCATION

Augusta University - *Augusta, Georgia*

Bachelor of Science – Cybersecurity Engineering, May 2024

PROFESSIONAL SKILLS

- **Programming Languages:** PLC Ladder Logic, Arduino, C#, React.js, x86 Assembly
- **Software:** Visual Studio, SQL Server Management Studio, Visio, Rational DOORS, Azure DevOps, OpenPLC, Power Automate