

Beck Anderson

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Experience

EVO SECURITY

REMOTE (DALLAS, TX)

Associate Software Engineer

July 2024 - Present

- Redesigned and modernized the company's user portal using Vue/Nuxt, enhancing user experience and interface responsiveness.
- Created and privately published GitHub packages to handle processing files for metadata and generating AI powered file analysis and virus safety reports.
- Collaborated with an international team via daily meetings and using Jira to properly assign and manage project tasks and goals.

DEPARTMENT OF SOFTWARE ENGINEERING, RIT

ROCHESTER, NY

Course Assistant

Aug 2023 – May 2024

- Facilitated learning for 25+ software development and engineering students by leading technical discussions, hosting mentoring sessions, and providing constructive feedback on coursework.
- Boosted student engagement and learning outcomes through responsive technical support, including answering questions during class and grading assignments with detailed feedback, resulting in 75% of students getting a B or better.

ECOLAB

DALLAS, TX

Software Engineer Co-op

Jan 2023 – May 2023

- Collaborated with a 25-person international team to enhance functionality and resolve system bugs for the Prep N Print application, improving user satisfaction by 20%
- Demonstrated expertise in UI redesign using C# and Xamarin, ensuring compliance with requirements and elevating the user experience.
- Pioneered the design of the user interface for a new company application using Figma, actively engaging stakeholders to gather inputs and incorporate 90% of their feedback through biweekly meetings.

ALPINE SOFTWARE

MENDON, NY

Software Developer Co-op

May 2022 – Dec 2022

- Spearheaded the programming, maintenance, and support of existing applications using Delphi and SQL, ensuring seamless operations
- Mentored a team of 4 interns, resulting in a 25% increase in their productivity and the successful completion of 15 additional projects weekly.
- Collaborated closely with clients, expertly translating project requirements into comprehensive design specifications that aligned with client expectations, ensuring successful project delivery.

Projects

SIMULATION OF PROTEIN SYNTHESIS

Sept 2023 – May 2024

- Steered the redesign of a pivotal product used by students to simulate protein structure, emphasizing modernization and enhanced functionality.
- Implemented the transformation of back-end software from Java to Python, leveraging Pytest for robust testing and the Biopython library for advanced functionality.
- Led the development of the API and backend, ensuring seamless integration with the redesigned system.

REDDIT SENTIMENT ANALYSIS

Oct 2023 – Dec 2023

- Innovatively built an application for processing user sentiment on Reddit, employing a collaborative approach within a team of 5 using Git and AWS Technologies.
- Utilized AWS technologies, including DynamoDB, AWS Comprehend, API Gateway, and Terraform, to enhance the functionality and efficiency.
- Developed a clean and effective web environment for users to access sentiment insights.

Education

ROCHESTER INSTITUTE OF TECHNOLOGY

Rochester, NY

B.S Software Engineering, Minor Computer Engineering. GPA: 3.53 - *Cum Laude*

Grad Date: May 2024

Awards: Dean's List: Spring 2020, Fall 2020, Fall 2021, Fall 2023, Spring 2024; RIT Computing Medal Award

Skills

Technical: Java, JavaScript, Python, C, C#, Xamarin, SQL, RESTful API, Vue, Nuxt, React, AWS, Windows, Linux, iOS

Soft Skills: Leadership, Effective Communication, Team Collaboration, Client Relations, Agile Methodologies