Beck Anderson

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Experience

EVO SECURITY   **REMOTE (DALLAS, TX)**
Associate Software Engin   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