

Adam J. Stewart

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Looking to secure a position that will allow me to program software utilizing computer languages, such as JavaScript, Java, Python, and C# to create consistent and clean code bases that generate meaningful output. While using my strong communication and organizational skills to design, develop, and maintain software applications.

Experience/Skills

Software Engineer Coop

CNH Industrial - Burr Ridge, Illinois

September 2023 – December 2023

- Developed backend for frontend (BFF) endpoint using .NET Core and C# to create a tool that is used for troubleshooting and logging issues in the factory on the production line.
- Leveraging and ABP I implemented a Domain Driven Design (DDD) for the implementation and management of the tool I created to contribute to the seamless integration and functionality of the overall system.
- Also created, managed, documented, and tested GraphQL server that managed the requests being made by my BFF.
- Used Azure Devops methodology for task assignment and resource management.
- Followed standard Agile practices for planning and organization of deliverables.

Software Engineer Intern

CNH Industrial - Burr Ridge, Illinois

May 2023 – September 2023

- Created proof of concept for managing their cloud infrastructure using Infrastructure as Code (IaC)
- Utilizing Terraform with Microsoft Azure I designed a registry of modules which tested, cleaned, and validated user input, that could be used by developers and cloud engineers to request and create cloud resources for their services.
- Each module in the registry had a default configuration to make automation and creation for different environments (dev, prod, test) simple and cost effective.
- Collaborated with team members and stakeholders to ensure requirements are met and needs are fulfilled.
- Followed standard Agile practices for planning and organization of deliverables.

Teaching Assistant

Case Western Reserve University- Cleveland, Ohio

August 2019 – August 2020

- Teaching Assistant for EECS 293 Software Craftsmanship at Case Western Reserve University, which involved assessing, reviewing, fixing, providing meaningful feedback for submitted code.
- Followed standard Agile practices for planning and organization of deliverables.
- Managed Class Git server which I managed access using SSH keys.
- Managed privileges and repositories of those on the Git server.
- Programming Lead, managing a team of 10 developers to produce the game Otherworldly Pines

Projects

- Created chrome extension to track website usage and give feedback based on time using JavaScript React, and Google Firebase
- Created web service that used SQL, AWS, and JavaScript which created users and proved users with an account to store, manage, download, and share photos.
- Launched a service for students to plan and manage their classes at www.loganplanner.com using React, React Native, AWS DynamoDB, AWS Elastic Beanstalk, and Android Studio
- Familiarity with the programming languages Java, Python, C#, JavaScript, System Verilog, embedded C, and Arduino
- Designed and created a web app for generating a list of song recommendations based on inputs such as weather, time of day, and more

Education

Northwestern University

Major: MS Computer Science

Graduated: 2023

Case Western Reserve University

Major: BSE Computer Science

Major: BSE Computer Engineering

Graduated: 2021

All projects are available to view on my **GitHub**: <https://github.com/beasterbro>

References: **Available upon request**