

JORDAN MERKEL

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Work Experience

Software Engineer Associate July 2021 - Current
Progressive Insurance - Colorado Springs, CO

- Working in a data warehousing team responsible for providing ETL data to customers
- Created AWS Lambda and Glue scripts to reduce our data uploading processing time by 60%
- Utilized Terraform to load python scripts onto our AWS services
- Implemented AZDO Pipeline to streamline project elevations used on server environments
- Completed an API (.NET 6) that utilizes Redshift and S3 to return confidential data back to in-house customers
- Designed, modeled, and fully implemented a WebUI for the previously mentioned API
- Working in an Agile based environment

Software Engineer Intern May 2020 - August 2020
Progressive Insurance - Cleveland, OH (Remote)

- Developed a tool to convert HTML into C# code, allowing the conversion of legacy tests into C#
- Unit tested a variety of applications created using NUnit
- Pair-programming experience

Information Technology Assistant June 2016 - Dec 2017
Mars Area School District - Mars, PA

- Installed access points throughout all the school buildings
- Crimped cables and set up patch panels

Education

Computer Science, Bachelor of Science May 2021
Penn State University (Behrend) - Erie, PA

Side Projects

Discord Automated Bot Dec 2021 - February 2022

- Bot uses Discord's API to send automated messages to its users (in the form of fun little games)
- Programmed in Node.js and was deployed/hosted on a local machine

Chemical Pursuit App (Android and iOS) August 2020 - May 2021

- Provides students with an effective way to study chemistry
- Completed user account creation, several mini-games, class sections, and leaderboards
- Successfully deployed on both iOS and Android app stores

Programming Skills

Programming Languages:

C#, Python, JavaScript, Java, C++, SQL, HTML/CSS

Applications / Technologies:

AWS (Lambda, S3, and Glue jobs), Terraform, GitHub, AZDO, .NET 6, Splunk, Linux