

ANDREW BORAM

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SKILLS

Go, JavaScript/TypeScript, Python, Git, Linux, Docker

EXPERIENCE

Innovative Incorporated

Solutions Architect

Hagerstown, MD

Aug. 2018 - Present

- Develop microservices, back-end services, and programs written in Go.
- Develop full-stack applications written in TypeScript with the Remix framework (React).
- Deploy software to the cloud with Netlify.
- Develop shell scripts requested by the IT team to solve issues.
- Handle Linux administration tasks and perform maintenance as needed by clients.

B&D Consulting, Inc.

Research and Development Internship

Hagerstown, MD

Sep. 2015 - May 2016

- Utilized virtual machines in VMware to test Symantec's Security Defense System by creating and analyzing attack scenarios.
- Performed bulk installation of Ubuntu Linux on multiple servers and configured their networking interfaces.

EDUCATION

Shippensburg University

B.S. in Computer Science

GPA: 3.56/4.00

Shippensburg, PA

Dec. 2022

- Created and tested a Convolutional Neural Network for my senior project in Python using TensorFlow and Keras.
- Implemented classic design patterns in Java, including Singleton, Observer, and others.
- Studied the theory behind relational databases and gained proficiency in SQL.
- Studied the theoretical foundations of computer science, including topics such as algorithms and data structures.
- Completed a two-part course on Data Science in R, focusing on tidyverse libraries.
- Studied functional data structures in Haskell.
- Acquired knowledge of Docker fundamentals.
- Graduated Cum Laude with a Minor in Mathematics

CURRENT PROJECTS

Personal Website - drewboram.com

- Made to be my "Internet Business Card" and display information about myself.
- Deployed to the cloud in a Docker container with Fly.io.
- Back-end server, http routing, and business logic written in Go.
- Front-end uses TailwindCSS and HTMX libraries.