

Brian A. Bell

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EDUCATION

Virginia Tech College of Engineering

MS, Computer Science | GPA: 3.6

Jan. 2021 – Dec. 2023

Blacksburg, VA

- Focus: Data Analytics, Artificial Intelligence

Virginia Tech College of Engineering

BS, Computer Science and Mathematics | GPA: 3.6

Aug. 2019 – Dec. 2022

Blacksburg, VA

- German Club Fraternity, Entrepreneurship Club

Blue Ridge Community College

AS, Computer Science | GPA: 3.6 Cum Laude, Presidents List, Vice-Presidents List, Merit List

Aug. 2015 – May 2019

Weyers Cave, VA

- Sigma Alpha Pi Honor Society, STEM Club, Enactus, Adventure Club

EXPERIENCE

GERMAN Club Fraternity

Leadership Chair

Aug. 2021 – Present

Blacksburg, VA

- Organized and led various events such as an annual Leadership Summit, Public Speaking & Interview Prep Seminars, and an Internship Matching Meeting.

Berkley Alternative Markets

SWE Intern

May 2021 – Aug. 2021

Blacksburg, VA

- Tested & analyzed company data sets using various Python specific libraries & frameworks.

Chegg, Private

Tutor

Oct. 2017 – Jan. 2021

Blacksburg, VA

- Provided support to students in various subjects including Mathematics and Computer Science.

PROJECTS

Keyword Data Analyzer – Python

Aug. 2021 – Current

- Program which scraped reddit keyword data and discovered notable statistics/trends over a 36 month period.

Job Control Shell – C

Jan. 2021 – Feb. 2021

- Shell implementation which focused on the principles of process management and job control in a Unix-like OS.

Covid-19 Data Manager – Java

Aug. 2020 – Sept. 2020

- Covid-19 Record database that can combine, store, and manipulate a country wide data set.

TECHNICAL SKILLS

Languages (Proficiency 1-5): Java (4), Python (3), JS(2), Scala (2), C (2)

Frameworks: Locust, Flask, Node

Tools: Git & Github, Bash, IntelliJ, Eclipse, Visual Studio Code

