

Brian A. Bell

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EDUCATION

Virginia Tech College of Engineering

MS, Computer Science

Aug. 2021 – May 2023

Blacksburg, VA

- Focus: Software Engineering, Artificial Intelligence, HCI

Virginia Tech College of Engineering

BS, Computer Science and Mathematics

Aug. 2019 – May 2022

Blacksburg, VA

- German Club Fraternity, Entrepreneurship Club

Blue Ridge Community College

AS, Computer Science

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

Software Development 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

Object Detection Application – JavaScript

Nov. 2021 – Current

- Application which analyzes live video feed and accurately assigns object types to visible objects within the frame.

Keyword Data Analyzer – Python

Aug. 2021 – Dec. 2021

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

Covid19 Data Manager – Java

Aug. 2020 – Feb. 2021

- Program which analyzed the public data set provided by National institute of Health (NIH).

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C

Frameworks: Node, Locust, Flask

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