## **COLTON MUMLEY**

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## **EDUCATION**

Aug 2017 May 2021

B.S. in Computational Modeling & Data Analytics — Virginia Tech — Blacksburg, VA

> Minors in Computer Science, Cyber Security, and Mathematics

Aug 2013 May 2017 High School Diploma — Susquehannock High School — Glen Rock, PA

GPA: 4.2



## September 2018 Present

Data Scientist — Rocketry at Virgina Tech — Blacksburg, VA

- > Analyzed data from flight simulations to optimize the rocket's performance using machine learning
- > Integrated Arduino with Python GUI to display real-time graphs of the rocket's sensors
- > Quickly learned React to help develop the team website

Python Arduino Machine Learning Javascript React

## Summer 2015

Website Developer — Shenk's Fine Jewelry — York, PA

- > Overhauled company website
- > Demonstrated ability to learn quickly when using WordPress with no prior knowledge

HTML CSS WordPress

Summer 2015 Summer 2016

Mobile App Developer — Apple Developer Program

> Built iOS applications

Swift Xcode



Fall 2018

Twitter Analyzer,

> Twitter bot that scrapes, analyzes, and graphs tweet likes, replies, retweets, and dates from a userinputted Twitter account.

Python Pandas BeautifulSoup Jupyter Notebook GitHub

Oct 2018

GUI Calculator,

> A simple GUI calculator to help me get acquainted working with GUIs, IntelliJ, and GitHub

Java IntelliJ IDEA GitHub

Nov 2018

Personal Website,

**TBD** 

> Site is linked in the header

HTML CSS JavaScript Visual Studio Code



Proficient Java, Eclipse, HTML, CSS, Windows, macOS, Kali Linux

Familiar

Python, R, React, JavaScript, Bootstrap, &TEX

**Currently Learning** 

MongoDB, Machine Learning, PyAutoGUI