

ABDULLAH REHMAN

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EDUCATION

Virginia Polytechnic Institute and State University; Blacksburg, VA August 2019 - Present
B.S. in Computer Science; Expected May 2022 GPA: 3.79

Liberty High School; Frisco, TX August 2015 - June 2019
Multidisciplinary GPA: 3.89

EXPERIENCE

Machine Learning Research, Undergraduate Researcher February 2020 - Present
Topic: Security and machine learning. Use Python and ML libraries to identify and defend against threats posed by advances in ML.

PROJECTS

Face Image Classifier

- Implemented a convolutional neural network image classifier to label face photographs as either young or old.
- Built in python using keras, tensorflow, and numpy libraries.

Tower of Hanoi Solver

- Used Java to model and solve a popular mathematical puzzle.
- Wrote the logic to solve the puzzle using recursion and the stack data structure.
- Object Oriented Design

Personality Quiz

- Created an online quiz to guess personality types.
- Used HTML forms and a Bootstrap CSS template for web page structure.
- Added user interaction using Javascript.

TECHNICAL SKILLS

Languages: Java, Python, C++, Javascript, Bash
Frameworks: Tensorflow, Keras, Numpy
Tools: Git, HTML/CSS, Unix Systems, Conda

AWARDS AND SCHOLARSHIPS

Gilbert L. and Lucille C. Seay Scholarship, Virginia Tech 2020
College of Engineering merit scholarship
Provost Achievement Scholarship, Virginia Tech 2019
Academic merit scholarship

CLUBS & ACTIVITIES

Cybersecurity club 2019 - Present
AI & ML Club 2019 - Present
Web Development Club 2019 - Present