

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: 3.8

Liberty High School; Frisco, TX August 2015 - June 2019
Multidisciplinary GPA: 3.9

EXPERIENCE

Machine Learning Research, Undergraduate Research Assistant 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

News Scraper

- Used Python and Requests library to scrape news articles.
- Interfaced with Google Custom Search API.
- Parsed articles to use for machine learning tasks.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Javascript, SQL

Frameworks: PyTorch, Tensorflow, Keras, Numpy

Tools: Git, HTML/CSS, Unix/Bash, Conda

Cloud: AWS, Azure, Docker

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