

# ABDULLAH REHMAN

✉ [abdullahzr@vt.edu](mailto:abdullahzr@vt.edu) · [github.com/azrehman](https://github.com/azrehman)

## EDUCATION

<b>Virginia Polytechnic Institute and State University; Blacksburg, VA</b> B.S. in Computer Science; Expected May 2022	August 2019 - Present GPA: 3.8
<b>Liberty High School; Frisco, TX</b> Multidisciplinary	August 2015 - June 2019 GPA: 3.9

## EXPERIENCE

<b>Machine Learning Research</b> , Undergraduate Research Assistant Topic: Security and machine learning. Use Python and ML libraries to identify and defend against threats posed by advances in ML.	February 2020 - Present
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## PROJECTS

<b>Face Image Classifier</b> <ul style="list-style-type: none"><li>Implemented a convolutional neural network image classifier to label face photographs as either young or old.</li><li>Built in Python using Keras, Tensorflow, and Numpy libraries.</li></ul>
<b>Tower of Hanoi Solver</b> <ul style="list-style-type: none"><li>Used Java to model and solve a popular mathematical puzzle.</li><li>Wrote the logic to solve the puzzle using recursion and the stack data structure.</li><li>Object Oriented Design</li></ul>
<b>News Scraper</b> <ul style="list-style-type: none"><li>Used Python and Requests library to scrape news articles.</li><li>Interfaced with Google Custom Search API.</li><li>Parsed articles to use for machine learning tasks.</li></ul>

## TECHNICAL SKILLS

<b>Languages:</b>	Java, Python, C/C++, Javascript, SQL
<b>Frameworks:</b>	PyTorch, Tensorflow, Keras, Numpy
<b>Tools:</b>	Git, HTML/CSS, Unix/Bash, Conda
<b>Cloud:</b>	AWS, Azure, Docker

## AWARDS AND SCHOLARSHIPS

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

## CLUBS & ACTIVITIES

<b>Cybersecurity Club</b>	2019 - Present
<b>AI &amp; ML Club</b>	2019 - Present
<b>Web Development Club</b>	2019 - Present