

**School Address:**  
219 Pheasant Run Drive,  
Blacksburg, VA 24060

# Richard Nguyen

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**Permanent Address:**  
7503 Tangerine Place  
Lorton, VA 22079

## EDUCATION

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**Virginia Polytechnic Institute**  
Bachelor of Science in Computer Science  
GPA: 3.78

Blacksburg, VA  
Expected Graduation: May 2026

**South County High School**  
Advanced High School Diploma  
Weighted GPA: 4.30

Lorton, VA  
Graduation: June 2022

## EXPERIENCE

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**CrossRoads Info Tech**  
Junior Web Developer

Lorton, VA  
*February 2021 - Present*

- Collaborated with a teammate to develop and design company website using a cloud-based web development service
- Hosted and continually maintained company website, for the entirety of employment, using a server under Linux Server OS
- Maintained a stream of communication with superiors in order to foster a healthy and efficient work environment

**BridgeLink (Startup)**  
Co-Founder

Lorton, VA  
*December 2022 – May 2023*

- Worked with a team to build frontend and backend on the startup website using CSS, JavaScript, and HTML
- Individually constructed the server-side code using python to store user inputted data on a local server
- Routinely scheduled and managed team meetings to maintain a constant stream of communication and to meet timeline goals
- Collaborated with a team to conduct market research, leveraging findings to reach short-term startup objectives

## PROJECTS

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**Pricing European Options Program**

- Developed a program to price European options contracts in the stock market using the Black-Scholes model
- Built in Java

**Speaker of the House Tracker**

- Developed a program to request raw data from House Stock Watcher, a website that tracks House of Representatives members, and inputs similar trades in a TD Ameritrade paper trading account
- Built in Java using TD Ameritrade API's

**S&P 500 Regression Model**

- Developed an S&P 500 mean reversion model to rate the index's value over selected periods of time
- Built in Java using historical Bloomberg Terminal Data on the S&P 500 and VIX

**Weather Display**

- Developed a program to display area requested weather details that can be viewed on a local server
- Built using JavaScript, CSS, and HTML using OpenWeather's API

## SKILLS

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**Programming Languages:** Java, Python, CSS, JavaScript, HTML, Matlab

**Proficient in:** Object-Oriented Programming, Git, Data Structures, Apache Maven