

# Pranish Adhikari

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## EDUCATION

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### Virginia Polytechnic Institute and State University (Virginia Tech)

Bachelor of Science, Computer Science

Cumulative GPA: 3.2 / 4.00 Major GPA: 3.2 / 4.00

Blacksburg, VA

Fall 20201 - Spring 2024

Dean's List: Fall 2022 – Present

## EXPERIENCE

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### Diggeridoos at Virginia Tech - Engineering design team working to reinvent the future of tunneling technology.

Blacksburg, VA

Software Developer

January 2023 - Present

- Collaborated with teammates in order to create a GUI for our Tunnel Boring Machine.
- Competing in The Boring Company's Not-a-Boring Competition, 12 teams are selected from 400 applicants.
- Created and maximized efficiency in front end systems as well as connected it to back-end components.

### Walmart

Sterling, VA

Online Digital Assistant

June 2021 – Dec 2021

- Managed and optimized order fulfillment process for online pickups, utilizing company software to efficiently plan and reroute deliveries.
- Developed and honed time management skills while successfully balancing work responsibilities during my junior year of high school, including during challenging periods such as SATs and AP exams.

### Walmart

Sterling, VA

Customer Service Representative

August 2019 – August 2020

- Demonstrated exceptional customer service skills while interacting with diverse clientele on a daily basis, resulting in positive customer feedback and increased satisfaction ratings.
- Acquired invaluable real-world experience in my first job, gaining firsthand insight into the professional world and cultivating critical skills needed to thrive in a 9-5 work environment post-college.

## PERSONAL PROJECTS

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### Covid Data Tracker – End of year project for Software designs and Data Structures Course

Blacksburg, VA

April 2022 – May 2022

- Utilized UML modeling to plan and design the project's class hierarchy, resulting in a scalable and efficient system architecture.
- Designed and developed an intuitive graphical user interface (GUI) for displaying COVID data across different demographics, demonstrating proficiency in both front-end design and data visualization techniques.

### Beyond Medicine – Student lead organization created to bring awareness to mental health issues.

Aldie, VA

Co-Founder/Webmaster

March 2020 – May 2021

- Co-founded a student-led organization and assumed the responsibilities of web developer, leading the development of an interactive website and mobile application from concept to launch.
- Oversaw both front-end and back-end development, resulting in a highly functional and user-friendly platform.

## SKILLS

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**Tools:** Web Development, CAD, Git, SQL, Terminal, Microsoft Office

**Programing Languages:** Java, Python, C, Arduino, MATLAB, HTML, JavaScript, CSS

**Operating Systems:** Windows, Linux

**Languages:** English, Nepali

## RELEVANT COURSES

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- Introduction to Programming in Python
- Intro to Problem Solving in CS
- Software Design and Data Structures
- Introduction to Computer Organization I & II
- Data Structures and Algorithms
- Professionalism in Computing