

William Downey

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Permanent Address:
6323 Summerday Ct.
Burke, VA 22015

SKILLS

Professional Communication, Organizational Strategy, Leadership, Adaptable Learner

Languages: Java, Python, C, HTML, CSS, SQL

RELEVANT COURSEWORK

Computer Organization I: High-level computer architecture, programming in C

Introduction to Problem Solving in CS: Basic heuristics for problem solving algorithms in Python

EDUCATION

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

BS in Computer Science

Expected Graduation: May 2024

Overall GPA: 3.27/4.00, In-Major GPA 3.30/4.00

EXPERIENCE

Fairfax County Public Schools, Fairfax, VA

Summer 2021

Technology Support Specialist Intern

- Assisted in the deployment of over 200,000 personal devices to students in the school district.
- Developed scripts to increase workflow efficiency through automation.
- Worked to build and support an efficient virtual learning environment for over 175,000 students.

NVPools, Burke, VA

Summer 2018-2020

Assistant Manager

- Designed efficient work schedules to ensure the safety of patrons.
- Trained newly hired lifeguards in procedures and general water safety.

Virginia Tech ACM, Blacksburg, VA

Dec. 2020-Present

Director of Relations

- Organized a speaker talk series featuring local professionals and researchers.
- Promoted and designed a club career fair leading to members garnering interest from local companies.

PROJECTS

Interactive COVID-19 Visualization: Created an interactive graph of COVID-19 cases and deaths using java.

Towers of Hanoi: Developed a recursive algorithm to solve the famous Towers of Hanoi puzzle, also created a visualization of the algorithm using java.

ACTIVITIES AND HONORS

Alpha Tau Omega

Jan. 2021-Present

- Member of Philanthropy and Recruitment Committees.
- Received an award for being most involved during recruitment.

Web Development Club

Aug. 2021-Present

Cybersecurity Club

Intramural Basketball and Flag Football

OTHER

US Citizen

Varsity Basketball player in high school

Interests include boxing, basketball, and fishing