

Nikolas Greenfield

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EDUCATION

Virginia Tech

Bachelor of Science in Computer Science

GPA: 3.57

Expected Graduation: Spring 2023

Germanna Scholars Student

General Studies associate degree

GPA: 4.0

Graduated: May 2020

RELEVANT EXPERIENCE

Cloud Computing Course

Fall 2021

- Developed cloud applications using Jakarta EE, XHTML, and CSS to create full, multi-tier distributed software using the IntelliJ IDE. These applications incorporate JavaServer Faces, RESTful APIs, and the Java Persistence API for database management.
- Utilized Amazon Web Services (AWS) and Wildfly application servers to host distributed software in a client-server architecture available through the internet.

Software Design & Data Structures Course

Fall 2020

- Implemented abstract data types (including lists, stacks, trees, maps) with differing underlying structures, and employed sorting and searching algorithms.
- Employed core software development principles such as hierarchy, abstraction, encapsulation, and Javadoc comments.
- Worked with the Eclipse IDE, Git, and GitHub to effectively debug and version control.

National Honor Society Member

2018-2019

- Aided my local museum in updating their exhibits online for an emerging marketplace.
- Volunteered in my local community alongside my peers in individual and group community service projects while maintaining high academics.

Vex Robotics Team Leader

2012-2020

- As team leader, I lead teammates in designing, building, and programming robots and directed team responsibilities and time-management to compete in competition.
- Competed in the Vex Robotics 2018 & 2019 State Championships.
- Learned how to code effectively in the C-based "Robot C" programming language.

HONORS

Beyond Boundaries Scholarship, Virginia Tech

2019-Present

President's List, Germanna Community College

2018-2020

OTHER SKILLS

C, Python, and Arduino programming languages, with experience in x86 Assembly