

Nicholas R. Coleman

(412) 208 – 5835

2173 Robin Hood Drive, North Huntingdon, PA 15642
<https://colemannick.github.io>

nrc5230@psu.edu

EDUCATION

The Pennsylvania State University

Bachelor of Science in Computer Science

Graduation May 2021

GPA 4.00

Norwin Senior High School

Completed four years of Java Programming Courses

May 2017

SKILLS

Programming Languages – Java, C++, C, HTML, CSS, JavaScript, SQLite, VHDL, Verilog

Software – Visual Studio, IntelliJ IDEA, Tableau, Vivado, Maven, Bootstrap, GitHub

Operating Systems – Windows, Linux (CentOS)

EXPERIENCE

Westinghouse Electric Company

May – August 2019

Business Planning and Analytics Intern

- Designed Tableau dashboards to visualize global inventory for Nuclear Fuel operations in an effort to reduce total inventory value by 20%
- Coordinated with managers and analysts at American and Swedish Nuclear Fuel sites to produce accurate, user-friendly dashboards and an effective user guide

Personal Website on GitHub Pages

March 2019 - Present

- Gaining experience with web development technologies by learning HTML, Bootstrap CSS, and JavaScript to produce a website that is more comprehensive and personal than a resume

ACADEMIC EXPERIENCE

Relevant Coursework

Data Structures and Algorithms, Systems Programming, Computer Organization and Design, Digital Design, Discrete Mathematics for Computer Science, Object-Oriented Programming using Java

Digital Design

January – May 2019

- Designed and implemented VHDL models of Mealy and Moore Finite State Machines to detect certain sequences in a bit-stream. FPGA design boards were used for testing and verification.

Object Oriented Programming for the Web using Java

August – December 2018

- Developed an application using Maven and the JDBC to visualize and modify an SQLite database consisting of information on world countries, languages, and cities

LEADERSHIP AND COMMUNITY INVOLVEMENT

Association for Computing Machinery

February 2018 – Present

Penn State Competitive Cyber Security Organization

September 2019 – Present

Track and Field / Cross Country

April 2012 – May 2019

- **Penn State Behrend** – Penn State Behrend Award for Sportsmanship and Leadership