

Nicholas R. Coleman

(412) 208 – 5835

2173 Robin Hood Drive, North Huntingdon, PA 15642
Linkedin.com/in/nick-coleman-0b111114a/

nrc5230@psu.edu

EDUCATION

Penn State Erie, The Behrend College

Bachelor of Science in Computer Science

Graduation May 2021

GPA 4.00

Norwin Senior High School

May 2017

SKILLS

Languages / Tools – Java, C++, SQLite, VHDL / Maven

Environments – Visual Studio, IntelliJ IDEA, Microsoft Office, Vivado, Android Studio

ACADEMIC EXPERIENCE

CMPEN 270 – Digital Design

January 2019

- Topics: logic gates, Boolean algebra, combinational and sequential logic, finite state machines, data path and control designs, VHDL, FPGA design boards
- Implemented 4-bit adder that displayed the sum on a 7-Segment display

CMPSC 221 – Object Oriented Programming for the Web using Java

August – December 2018

- Topics: inheritance, polymorphism, GUI design, database fundamentals, Maven, JDBC
- Developed an application using Maven and the JDBC to search and modify an SQLite database consisting of information on world countries, languages, and cities

CMPSC 122 – Intermediate Programming using C++

January – April 2018

- Topics: advanced C++ syntax, pointers, data structures, classes, recursion, exceptions
- Designed a program that determines if a basic alphabetic XML tag is valid through the use of the stack and array data structures

Computer Programming IV – Norwin High School

August – May 2016

- Coded a simulation of the word game Hang-Man using Java

LEADERSHIP AND COMMUNITY INVOLVEMENT

Track and Field / Cross Country

April 2012 – Present

- **Penn State Behrend** – 2018 Colonial States Athletic Conference 4x400m relay record holder
- **Norwin High School (Captain)** – 2017 PIAA state champion in the 4x400m relay

Association for Computing Machinery

February 2018 – Present

- Attend weekly meetings that focus on computer science topics and career development

David J. Nelson Scholarship

May 2017

- Awarded a \$3,000 scholarship for writing an essay honoring the life of David J. Nelson

OTHER WORK EXPERIENCE

Summer Custodian

June – August 2017 & 2018

Norwin School District, North Huntingdon, PA

- Coordinated with a team of six custodians, two principals, and two supervisors to ensure the sanitation and preparation of the District's Intermediate school building