

## Carson Forsyth

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1203 Green Hill Avenue,  
19380, West Chester, PA

A creative and hardworking junior computer science major, looking to learn and refine application development skills. Currently seeking an internship for Summer 2021.

### EDUCATION

Computer Science, B.S. - Graduating Spring 2021

Pennsylvania State University, 2018 - Present

Cumulative GPA: 3.30

Dean's List Spring 2020, Fall 2020

### SOFT SKILLS

Communication  
Leadership  
Commitment

### WORK EXPERIENCE

#### T. FORSYTH MECHANICS, FIRE SPRINKLER TECHNICIAN

2018 – PRESENT

- Installing complete fire suppression systems to fire-safety standards with a team to pass rigorous inspection.

#### YMCA BRANDYWINE, HEAD GUARD

2018 - 2020

- Led team of 10+ guards during each shift, acting as manager and staff liaison for pool guests.
- Ensured guards and pool area surpassed YMCA and Ellis safety standards to always be audit ready.

#### YMCA BRANDYWINE, LIFEGUARD

2016 - 2018

- Maintained vigilance and adherence to pool rules for 25+ guests throughout shifts.

### HARD SKILLS

#### FAMILIAR WITH

Data Structures  
Visual Studio and Eclipse IDEs  
GitHub and Version Control  
Algorithm analysis

### LANGUAGES

#### PROFICIENT

Java  
C  
Python

#### FAMILIAR

C++  
JavaScript

### RELEVANT COURSEWORK

*CMPSCI 221* – Object Oriented Programming: Use of Java language to create a SQL database application.

*CMPSCI 311* – Introduction to Systems Programming: C programming in UNIX systems, and communication between processes and networks.

*CMPSCI 360* – Discrete Mathematics: Foundations of mathematics and logic for computations.

*CMPSCI 451* – Numerical Computations: Algorithms for interpolation, approximation, and floating-point conversion.

*CMPSCI 465* – Data Structures and Algorithms: Algorithm analysis and optimization.