

# Lauren Cugliotta

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## Education

### Elizabethtown College

Elizabethtown, PA

*Bachelor of Science in Computer Engineering*

Spring 2020

- Computer Engineering, GPA: 3.43
- Program is accredited by the Engineering Accreditation Commission of ABET
- Member of Alpha Lambda Delta Honor Society
- Member of Sigma Alpha Pi Honor Society
- Member of The Order of the Engineer
- Member of The Society of Women Engineers

## Coursework Highlights

- Computer Science I & II, Software Engineering, Computer Networking, Systems Programming
- Computer Organization and Architecture, Digital Design and Computer Interfacing, Advanced Computer Engineering
- Calculus I,II,III, Differential Equations, College Physics I, II
- Circuit Analysis, Signals and Systems, Control Systems
- Develop analytical skills, problem solving, and teamwork/communication skills
- Design and development of hardware and software systems

## Skills

Proficiency: Java, C, Autodesk Inventor, AutoCAD, Eclipse (IDE), MS Office

Developing Proficiency: Python, HTML, CSS, MySQL, C++, Visual Studio

## Engineering Projects

### Senior Project

Fall 2019 – Present

- Development of a Java application for a text-based RPG simulation
- Read in complex character information
- Generate adventures for the characters to follow

### Electric Vehicle

Fall 2016 – Spring 2017

- Worked with a small team to research, design, and fabricate a miniature electric car with the objective of traveling 100 meters in a straight line
- Utilized 3D modeling software and MATLAB

## Internship

### The Pinball Dudes

Summer 2019  
Jupiter, Florida

- Pinball Machine Restoration
  - Circuit board repair
  - Part replacement
  - Circuit Analysis
  - Machine diagnostics / troubleshooting
- Assisting customers

## Experience

Access Medical Laboratories

### **Administrative Assistant**

August 2020 – Present

- Print, organize, and fax reports
- Create electronic versions of previously paper only reports and forms
- Create monthly statistical reports
- Reorganize the workspace as requested
- Communicate with other departments as needed
- Connect with state and county health departments

Elizabethtown College

### **Student Patrol Officer**

Spring 2017 – March 2020

- Survey campus on evening/night shifts to investigate, identify, and report suspicious activity
- Assist in emergencies
- Certifications gained: Title IX, CPR, AED, and First Aid

Elizabethtown College

### **Computer Science Department Assistant**

January 2019 – May 2019

- Graded homework assignments
- Assisted with department projects
- Gave presentations

## Activities

### **Campus Clubs**

Elizabethtown College

*Member & Secretary for Cycling Club*

Fall 2016 – Present

- Club commitments include Computer Science Club and High Voltage
- Secretarial duties comprise of taking meeting minutes and sending club emails