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## EDUCATION

**West Chester University of Pennsylvania** | West Chester, PA  
Bachelor of Science in Computer Science, December 2018  
GPA: 3.86

**Lehigh Carbon Community College** | Schnecksville, PA  
Associate of Science in Computer Science, December 2016  
GPA: 3.83

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## SKILLS

**Databases:** MySQL, Microsoft SQL Server, Oracle, SQLite, NoSQL  
**Languages:** Java, C++, Python, PHP, C#, HTML5, CSS3, Haskell  
**Software:** Windows 7 & 10, Linux, Mac OS

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## PROJECTS

**Recipe App** (Fall 2018) - recipe list generator web application

- Designed web application allowing users to store recipes found online
- Scraped data from the web page and organized it categorically
- Tokenized text by using natural language processing
- Developed in Linux Environment
- **Utilized:** Flask, Bootstrap, Python, HTML, CSS, SQLAlchemy, NLTK

**Fuel Bulb Store** (Spring 2018) - an online shop for flower bulbs

- Implemented a Model View Controller architecture
- Simulated a store where users could add items to cart and create bags
- Implemented a MySQL database to store product and user data
- **Utilized:** PHP, MySQL, RedBean ORM, FuelPHP framework

**Ntopng Monitor** (Spring 2018) - program to detect movement in video streams by analyzing throughput

- Collected throughput data continuously
- Extracted the collected data stored in JSON format
- Analyzed the data and detected when there was movement in frame
- Graphed the data and determined maximum and minimum values
- **Utilized:** Python, Git, Ntopng (network traffic probe)

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## PROFESSIONAL EXPERIENCE

**Carroll Engineering Corporation** | Warrington, PA  
Junior Developer (June 2018 - Present)

- Developed and optimized Stored Procedures and functions using T-SQL
- Extracted data from documents using Python and imported data
- Migrated and mapped customer data to Munilogic, an in-house municipal asset management system
- Integrated WSDL services in order to automate data exportation

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## ACTIVITIES & AWARDS

- Graduated with Summa Cum Laude honors from WCUPA
- Dean's List Spring 2016 - Fall 2018 at WCUPA
- Member of STEM club at LCCC from Spring 2014 - Fall 2016
- Barbara Kistler Mathematics Achievement Award from LCCC May 2016