Peter Cougan

8 Hillside Ave, New Hartford, NY 13413
(315) 534-5512 | peter_cougan@outlook.com | petercougan.com

Education

Syracuse University (Syracuse, NY)   May 2019
College of Engineering and Computer Science
- B.S. Computer Science

New Hartford Senior High School (New Hartford, NY)   June 2015
Advanced Regents Diploma with Honors
- National Honor Society
- Scholar Athlete

Technical Projects

Aside from the school projects explicitly listed below, I work on my own projects in my leisurely time. I have found this to be the best way to truly learn anything and gain experience. Please view more about my work here: petercougan.com/portfolio.html

Introduction to Computing (ECS 102) Final Project   December 2015
Connect Four
- Task: individually develop a game or virtual story to be played as a Java console application with specific requirements: must be object-oriented, utilize search and sort algorithms, and several more
- Virtualized the game Connect Four
- The game detected winners who had four continuous pieces in a horizontal, vertical, or diagonal pattern
- Stored user game statistics in a .txt file
- Subsequently recreated the project in HTML, CSS, and JavaScript to be used for my portfolio

Introduction to Engineering & Computer Science (ECS 101) Final Project   December 2015
Robotics Group Project and Competition
- Programmed small robotic 'vehicles' to compete in a competition, which involved avoiding obstacles, following other vehicles, and locating a tower sending out a signal
- Created programs utilizing various Arduino libraries then uploaded those programs to the Arduino board (robots were constructed by the instructors)
- Experience Gained: paired programming, understanding someone else's logic, reading someone else's code, managing time for different parts of a project

Technical Skills

Languages: C/C++, Java, Python, Haskell, PHP, SQL, JavaScript, HTML, CSS
Software: MS Windows, Mac OS X, MS Visual Studio, MS Excel, MS Word, MS PowerPoint
Other: MySQL Database Management, Arduino, Probability and Statistics, Calculus

Leadership Experience

Syracuse University Phanstiel Scholar (Syracuse, NY)   August 2015 – May 2019
- Awarded to students who have demonstrated academic success and community leadership
- Encourages and requires students to fulfill several community service projects throughout the academic year, such as fund raisers for charity organizations, mentoring local elementary/ high school students, etc

Junior Achievement Program (New Hartford, NY)   February 2015 – May 2015
The Hartford Financial Services Group
- Elected the Vice President of Human Resources position by program leaders
- Worked with a team of 20 students from nearby school districts to develop and sell Charger Armor, a 3D printed product that helps prevent iPhone chargers from tearing near the end of the cord
- Gained experience in sales, managing a small team, working with business professionals in a professional setting, and brainstorming/innovating in a large group

Work Experience

Town of New Hartford Dept. of Parks & Rec (New Hartford, NY)   May 2016 – August 2016
Laborer, Summer Worker
- Mowed lawns, whacked weeds, painted, etc.
- Gained experience dealing with time management, working in small teams, and interpersonal skills