

Spencer Gilbert

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Education

University of Illinois at Urbana-Champaign — May 2021 (expected) | CGPA 4.0/4.0
- B.S. in Computer Science, expected minor in Business or Management
Abington Heights High School — High School Diploma, June 2017 | GPA 4.14/4.0

Experience and Leadership

Project Manager, CS196 | January 2018 - present
- Manage a team of 4 to 6 students in a semester long coding project
- Help to teach students how to manage their time effectively as well as familiarize them with version control systems like GitHub
IlliniHackers Staff, Association for Computing Machinery | September 2017 - present
- Attend workshops, meetings, and events put on by the SIG as well as help plan the HackIllinois competition this year
- Learn and apply skills such as event planning, hackathon participation, etc.
Head Counselor Level 3, Waverly Comm Camp | June 2017 - August 2017
- Lead five counselors and three counselors in training in creating and carrying out themed activities to help Level 3 bring in a record number of campers almost every week
- Past: Counselor Level 2 for two summers
President, Founder, Computer Club of Abington Heights | August 2016 - June 2017
- Lead over twenty-five students in my school in collecting old PCs from the community and refurbishing them to present to multiple families in need in the school district
Treasurer of the Class of 2017, Student Government | September 2013 - June 2017
- Approved deposits and withdrawals to the class account and co-headed multiple fundraising operations with my student government peers to raise enough money for our class to have a full senior recognition day for the first time in years

Honors and Awards

1517 Fund Grant Recipient
Received 1000 dollars to continue development on my coding project, Handy
National Merit Scholarship Qualifying Test
Placed in the top one half of one percent (one of 15,000 in the US from a pool of four million) of PSAT test takers in Fall 2015
Patrick Calvey Leadership Award
One of two students in the graduating class at Abington Heights High School to win the scholarship based on character inside and outside the classroom

Projects

Handy - The Handy Body Language Processor (Top 5 at WildHacks)
Measures effective use of hand language throughout a presentation using a Leap Motion Sensor.
gAlme
- CS196 project that used Monte Carlo and Minimax artificial intelligence algorithms to play against users in tic-tac-toe and black hole board games
- Worked on the front end refactoring of the black hole game and the creation of the UI for the tic-tac-toe game using pygame library

Courses, Skills

CS 196 Freshman Honors Section | August 2017 - December 2017
- Learn to code in Python
- Develop and code an application with other students
Programming Languages — Java, Python, HTML, CSS
Natural Languages — English (native proficiency), Spanish (professional working fluency)