

MADISON LUCEY

SOFTWARE DEVELOPMENT ENGINEER

PROFESSIONAL OVERVIEW

I am an accomplished software engineer and inventor. I have exceptional communication skills and bring energy, creativity, and a positive attitude to everything that I do.

EMPLOYMENT/WORK EXPERIENCE

➤ Amazon, Paid Software Development Engineer Intern

AMAZON HEADQUARTERS, SEATTLE, WA / June – September 2021

- Will work with the professional software engineering team and fellow interns to build products with a real impact on Amazon customers.
- To develop software for “Right Now Needs.” primarily geared toward disaster relief, pandemic, and climate change, fighting childhood hunger, and family homelessness.
- My fellow cohort and I will participate in various activities that bond us and expose us to Amazon’s technology and senior leaders.

➤ [VLSAC Communication Chair](#)

HARRISBURG AREA COMMUNITY COLLEGE, PA / 2019-2020

- Student public relations representative, draft formal communication
- Our team conducted a poll from over 1,000 students and we asked them what we could do to improve the college. The consensus was that the students wanted free textbooks. Our team then gave a speech to the Cabinet, upper administration, virtual professors, deans, academic council, and the college president Dr. Ski. The college’s administration is now implementing what my team suggested, free textbooks for the students.

➤ Engineering Internship Team Leader

AGWORKS LABORATORY, PA – 2018-2019

- Coordinated the stages of the project from planning to implementation, working closely with my team.
- Created an automated sustainable energy plant seeder. It incorporated machine learning and artificial intelligence in order to be solar-powered and mobile.
- Demonstrated the robot live to the PA House Education Committee advocating for additional opportunities for girls in STEM
- [Video of me demonstrating the robot can be seen by clicking here.](#)

COMMUNITY ACTIVITIES

- [Official TEDx Speaker](#)
- Volunteer helping disabled individuals to achieve a higher quality of life
- Tutored students who were previously at risk for dropping out
- Extensive experience working with high profile individuals such as legislators and CEOs
- [Authored Pennsylvania Senate Bill 791](#)
- [American Heart Association, CPR & AED certified](#)

INVENTIONS

- [Life-saving car seat device to protect infants](#)
- Invented a [sustainable energy automated plant seeder](#) which will accelerate the world’s transition to renewable energy. It is better, quicker, and more efficient than gasoline powered machines.
- Developed a [Career Portfolio website](#) that won the 2020 FBLA National Competition

SKILLS AND ABILITIES

- [Harvard University Certificate, Python Programming for Research](#)
- Experience and knowledge in Python, SQL, MySQL, Web Development, JavaScript, CSS, HTML, C#, Java, PHP
- Full stack developer utilizing front-end and back-end technologies.
- Excellent Oral and Written Communication Skills
- Highly Motivated, Fun, Strong Work Ethic, & Sense of Humor

ACADEMIC BACKGROUND

➤ Bachelor of Science – Information Technology

CENTRAL PENN COLLEGE, PA / 2020-2022

- Accelerated student graduating early with a 4.0 GPA.
- President of the Theater Club
- Journalist for the Knightly News Media
- Earned 63+ college credits with a focus on technology including: WEB102 Website Development, TEC210 Discrete Logic/Mathematics, TEC140 Microcomputer Systems & CIS105 Computer Information Systems
- Phi Theta Kappa & Dean’s List

➤ Highschool Diploma

COMMONWEALTH CHARTER ACADEMY, PA / 2017-2020

- Weighted GPA: 4.27, unweighted: 4.0, distinguished honor roll, class rank 3rd out of 1,288 students
- President: National Honor Society, Future Business Leaders of America (two-term)
- National Business Honor Society, Mu Alpha Theta,
- Passed the [AP Computer Science A](#) exam.

AWARDS

- [Amazon Future Engineer \\$40,000 scholarship recipient](#)
- [National Winner of the esteemed \\$25,000 National Honor Society Scholarship](#)
- Exemplary service medal as FBLA chapter president
- Obtained leadership training at the 2019 FBLA National Fall Leadership Conference Washington D.C

REFERENCES

[Available](#)

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