



ALEXANDER SPIVEY



COMPUTER SCIENCE AND BUSINESS



PROFILE

Hi! I'm Alex, a Computer Science and Business student at Lehigh University. I was originally from Wuhan, China, and graduated top 15 as an emancipated minor at Jenks High School. I hope to one day start my own Catfé (ask me about it!).

SKILLS

Coding Languages

C, C++, C#, Java, SQL, Scala, and Python

Frameworks/Systems

Unity, Apache Spark, Weka, Jupyter, Numpy, Webots/ROSS, Linux, Adobe Suite, Matlab, Arduino, and Microsoft Office Suite

EDUCATION

Lehigh University

Computer Science and Business Dual Program

- Cumulative GPA: 3.6/4.0
- Major GPA: 3.7/4.0
- Relevant Coursework: Business Statistics, Java, C, & C++ Programming, Micro and Macro Economics, Machine Learning, Big Data Analytics, and Computer Vision

CERTIFICATIONS & AWARDS

- Questbridge Finalist - Admission program for financially challenged students that are ranked in the top 1% of the class, average GPA of 3.9, and a minimum of 27 on the ACT.
- AP Capstone Diploma: Scored above a 3 for both AP Seminar and AP Research
- AP Distinguished Graduate: Scored above 3.5 GPA and passed over 4 AP classes
- Young Leaders Summit Finalist: An opportunity for students in the top 10% of graduating class and demonstrated leadership ability to meet national leaders
- Java (Basic) - HackerRank - ID f6e9fbffb2fc
- SQL - LinkedIn

CAREER SUMMARY

Social Media Coordinator

Lehigh University | August 2019 - Present

- Works individually and assists/coordinates other specialists on marketing efforts
- Utilize Adobe Premiere Pro, Adobe Photoshop, Canva, and other graphic design programs

Disability Technology Robotics Researcher

University of Texas | May 2021 - Present

- Robotics based research into helping disabled/paraplegics live a better life by creating more handicap friendly assistance devices
- Create and study the required engineering behind implementing a cooking/chef robot that acts as a support to humans within the kitchen
- Employ C++ and Webots to simulate a "perfect" cooking system

Tutor and Curriculum Developer

Juni Learning | May 2021 - August 2021

- Developed a Macro-Economics course for students
- Execute Computer Science, Math, Finance/Investment or English lesson plans for students ages 8-18, while adapting to student needs and interests
- Communicate and maintain records with parents on a regular basis, providing updates on student progress and results from learning assessments

LEADERSHIP HISTORY

Youth Pastor and Facilities Administrator

Redeemer Covenant Church | January 2018 - March 2019

- Managed and supervised the construction of a brand new gymnasium
- Led and written bible studies and supervised events for teenagers under the age of 18 to the age of 5
- Managed sound systems and presentation screens during service
- Successfully lead and managed summer vacation camp

Residence Hall Council Co-President

Taylor Hall | September 2019 - March 2020

- Co-lead the Council to host events, manage the council's financial assets, and advertise upcoming events
- Has successfully run and hosted over 6 events with success, with over 75 attendants each time

WANT TO KNOW MORE?



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