

Ashton Leung

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EDUCATION

Purdue University, West Lafayette

Bachelor of Science, Computer Science & Data Science · West Lafayette, Indiana · Expected Graduation: May 2027

- Relevant Coursework: Object Oriented Programming, Discrete Math, Programming in C, Python Programming, Corporate Partners - Data Mine, CS Tools, Entrepreneurship

Jericho High School

High School Diploma · Jericho, New York · Class of 2023 · GPA: 3.99

- Activities and Societies: Jericho Theater Production Organization (Actor, Vice President of Production), National Honor Society (Vice President), Coding Club (Vice President), Travel Ice Hockey (Captain)

RELEVANT EXPERIENCE

Undergraduate Data Science Researcher

The Data Mine - Corporate Partners

August 2023 - Present, West Lafayette, Indiana

- Collaborate with group members to develop a classification model for Merck.
- Utilize Python to web scrape scientific databases, such as ScienceDirect and PubMed to accumulate data for model training. Make calls to APIs to access articles.
- Research different types of Natural Language Processing (NLP) models including transformers

Code Coach

theCoderSchool

April 2023 - August 2023, Syosset, New York

- Taught children, ranging from 5 to 20 years old, simple programming concepts through the use of games and projects written in either Python, Java, or Scratch.
- Provided notes and feedback for students after lessons.
- Developed simple, personal projects in Python and Scratch for students to create.

IT Specialist

Jericho High School's Tech Department

June 2022 - August 2022, Jericho, New York

- Removed and set up computers around the school, organized new iPads and Chromebooks.
- Sorted keyboards and mouses, tracked serial numbers and asset tags.
- Installed operating systems on new computers via pxe booting and ghost imaging.

Vice President

Jericho High School Coding Club

August 2019 - June 2023, Jericho, New York

- Taught computer science topics from the American Computer Science League, such as computer number systems, and basic Python and web development.
- Collaborated with officers to coordinate mentoring and outreach to students.prospective students, resulting in a 40% increase in applications and an 80% increase in student enrollment in the past year.

Website Designer

The Incandescent Review

April 2022 - April 2023

- Maintained the website for The Incandescent Review, a nonprofit literary magazine.
- Created The Incandescent International using CSS and Editor X.

SKILLS AND EXTRACURRICULARS

Coding Languages: Python, Java, JavaScript, HTML/CSS, React, TypeScript

Extracurriculars: LaunchPad, Society of Asian Scientists and Engineers, Acts 2 Fellowship