

# CHRISTIAN LUSSIER

## Computer Science Student

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https://github.com/lussierc

## EXPERIENCE

### Software Engineer Intern

#### ScienceLogic

June 2021 – Present

Pittsburgh, PA (remote)

- Work in a scrum team and complete tasks throughout sprints. Use tools like BitBucket and Docker, created tickets, made pull requests, and performed code reviews.
- Took responsibility for implementing extensive unit tests in the Python backend of the SL1 system using libraries including unittest, pytest, and mock.

### Student Software Engineer Intern

#### NetApp

January 2021 – May 2021

Meadville/Pittsburgh, PA (remote)

- Worked in a student internship scrum team to add deep search and version tracking features to an API visualizer for ONTAP customers using JavaScript, HTML, CSS, and the REACT library.
- Participated in weekly sprint planning and review meetings with NetApp engineers.

### Computer Science Teaching Assistant

#### Allegheny College Department of Computer Science

August 2018 – May 2021

Meadville, PA

- Assisted students in weekly laboratory sessions and office hours by providing technical support, explaining core concepts, debugging code, fixing software issues, and more.
- Helped in classes involving Python programming, data analytics, database systems, software engineering, algorithms, and Java programming.

### Electronics Team Member

#### Target

July 2016 - Present

Gibsonia, PA

- Provide a great shopping experience for guests in the electronics department.
- Train new team members as an electronics trainer.
- Cross-trained throughout the store and am proficient in any position.

## EDUCATION

### B.S. in Computer Science

#### Allegheny College

May 2021

- Majored in Computer Science and minored in Economics.
- Graduated Magna Cum Laude with an overall GPA of 3.83 and a major GPA of 3.99.
- Took courses such as Software Engineering, Web Development, Data Analytics, Database Systems, Compiler Development, Artificial Intelligence, and more.

## SKILLS

Python Java HTML CSS JS  
R C SQLite3 GitHub Docker  
Algorithms Flask CS Concepts  
Customer Service Data Analysis  
Data Management Git Flow SQL

## NOTABLE PROJECTS

- **Senior Thesis - Stock Prediction:**
  - Researched, implemented, trained, and tested seven different machine learning models with different sizes of data to see how accurate they were in predicting next-day stock price swings.
- **Cogitate:**
  - Led the Web Development team and was a software design architect.
  - Collaboratively created a tool using Python that evaluates the work completed by members of a GitHub repository and generates a contribution score based on metrics.
- **Petition-Pronto:**
  - Led team that implemented a tool whereby students could submit academic petitions to department faculties.
  - I took responsibility for implementing the entire backend of the tool in Flask and configuring the SQLite3 database.

## NOTABLE HONORS

- Awarded the Allegheny Student Chapter Prize in recognition of having the best Senior Thesis in Computer Science, as determined by the department's faculty.
- 1st Place Winner of the Allegheny College 2020 CBE Financial Literacy Challenge.

## EXTRACURRICULARS

- **Vice President & Treasurer, Allegheny College Ice Hockey Club:**
  - Managed a \$17K yearly budget and run team social media outlets.
  - Volunteer coach with the Little Penguins "Learn to Play Hockey" program at local rink.
- **Former Officer, Allegheny Chapter of ACM**