

## EDUCATION

**Bachelor of Science, Computer Science,** Gettysburg College, PA May 2024

- Cumulative GPA: 4.10/4.00; Major GPA: 4.11/4.00 (Dean's Honor List all semesters).
- Receive David Wills Scholarship with a total of \$96,000 for 4 years.

## SKILLS

**Programming Languages:** Proficient in Java 8, Python, C#, LaTeX; Basic knowledge of SQL, HTML  
**Libraries/Frameworks:** Tensorflow, Scikit-learn, BeautifulSoup4, Entity Framework  
**Tools:** Visual Studio Code, Eclipse, PostgreSQL, Git Bash

## RELATED EXPERIENCE

**Teaching Assistant for Introduction to Computer Science II (CS 112)** Jan 2022 — Present  
Computer Science Department Gettysburg College, PA

- Assist Professor in class with helping students debugging, setting up software and IDEs.
- Hold office hours every Thursday to help students with homework.
- Give hint on problems for students from CS 103 (JavaScript, HTML), CS 107 (Python), and CS 111 (Java).

**Web Intern** Sep 2021 — Present  
Communications & Marketing Office Gettysburg College, PA

- Crawl major/minor description and requirements from college's website (major minor list), export data as HTML file using Python, BeautifulSoup4, and convert file into a PDF course catalogue.
- Update Gettysburg College's website based on HTML using dotCMS system.
- (SHOULD THIS BE IN PROJECTS SECTION?) Extract data from csv/xlsx file and export html string of students on Dean's List, grouping based on their cohort. Save time of updating Dean's List by 5 times. (Github: csv\_xlsx\_to\_html)

**The Mathematical Contest in Modeling (MCM)** Feb 2021  
COMAP Remote

- Cleaned data by filtering out data with status of "unverified," "unprocessed," and "positive ID" using Excel.
- Mapping the location of Asian Giant hornet with the given longitude and latitude through QGIS. We created buffer using QGIS plugins to visualize the radius of 30km that the hornet can migrate to.

## PROJECTS

**CNN** (Github: CNN) Apr 2022  
• Personal project

**Football player classification** (Github: NFL) Feb 2022  
• Group project

**Course cluster** (Github: Course-cluster-IDS90) Nov 2021  
• Create a program combining between CS 112 and Accounting class with advice and help from Professor Clif Presser.  
• The program allows user to add income and spending each month and save data in JSON file then export data as PDF file, listing all transactions and a bar chart based on data.

## LEADERSHIP EXPERIENCE

**Patrol Leader** Jun 2012 — Jun 2020  
Pathfinder Scouts Vietnam (PSV) Ho Chi Minh, Vietnam

- Joined 11 troop camps and survival camps.
- Led a team of five participating in three national jamborees and an International Patrol Jamboree in Korea (2018).
- Trained nine new scouts who then became prominent scouts and outstanding leaders.