
EMPLOYMENT

Student Lead	University of Illinois -Springfield	Spring 2020 – Spring 2021
Student Union		
<ul style="list-style-type: none">• Provided technical assistance and setup for various student-led events held at the Student Union.• Collaborated with the StuCrew to prevent COVID incidences inside the campus by providing safe and socially distant spaces for in-person learning and socialization.• Helped outside visitors around the union, answered calls from other departments, maintained logs of lost and found, and carried out duties as directed by the supervisor.		

EDUCATION

Springfield, IL	University of Illinois -Springfield	Fall 2019 – Present
<ul style="list-style-type: none">• Rising junior in B.Sc. Computer Science. Current CGPA: 4.0.• Distinguished Academic Performance: Capital Scholar Honors student, recipient of full ride college scholarship, Dean's list Fall 2019, Spring 2020, Fall 2020, and Spring 2021.• Undergraduate Coursework: Computer Programming Concepts I & II, Data Structures and Algorithms, Discrete Mathematics, Applied Statistics, Calculus I.• Self-Guided Learning: Machine Learning (Coursera), Deep Learning Specialization (deeplearning.ai), Machine Learning Crash Course (Google).		

TECHNICAL EXPERIENCE

Projects

- **Ant Colony Simulator** (2021). Used Java OOP to simulate an ant colony complete with random initial food distribution, egg-laying queen ant, food foraging forager ants, soldier ants, and offensive bullet ants. Java*.
- **Common Elements** (2021). Designed Java algorithm to find common elements from given k collections without using complex data structures while optimizing for $n(k-1)$ comparisons (least no. of comparisons possible). Java*.
- **Flower Classification Model** (2020). Implemented an ML model to classify types of Iris flowers with 97 % accuracy by using SVC and training on Anderson's Iris data set. Python, NumPy, Pandas*.

LEADERSHIP EXPERIENCE

- **PiE Tutor (2017 – 2018)**: Helped under-privileged community school students learn develop passion in math and sciences including computer programming.
- **Treasurer (2017 – 2019)**: Treasurer of Mathematica club in high school, secured funding equating \$5000 from independent outside sponsors and helped organize two inter-school math hunt competitions.

Languages and Technologies

- Java (proficient); Python (familiar)
- Git; Eclipse; Jupyter; Google Colabs

*code available on GitHub. (<https://github.com/asymptotically-complex>)