

EDUCATION

- **Purdue University, Main Campus** *West Lafayette, IN*
 - **Bachelor of Science in Computer Science** *Aug. 2019 – May 2023*
 - Concentration in Machine Learning and Security with minors in Mathematics and Statistics
 - GPA: 3.68/4.00
 - Dean's List: *Fall 2019 - Present*
 - Relevant Courses: Data Mining and Machine Learning, Data Structures and Algorithms, Linear Algebra, Multivariable Calculus, Object-Oriented Programming, Real Analysis, Systems Programming

EXPERIENCE

- **Lawrence Livermore National Laboratory, Purdue Collaboration** *Aug. 2020 - May 2021*
 - Student researcher for an open public-private project on drug discovery, molecular modeling, high performance computing, and data science pipelines.
 - Extracted data from PDB, ExcapeDB, and Drug Target Commons to be analyzed in RStudio in order to develop machine learning models that can predict molecular behavior.
 - Annotated Python notebooks to become familiar with the ATOM Modeling PipeLine (AMPL) and to prepare the journals for open-source publication.
- **alpha Kappa Delta Phi Data Management Internship** *Oct. 2020 - Jan. 2021*
 - Consolidated and analyzed inactive chapter membership data using Microsoft Suites (visualized through Tableau) in order to create a formal business presentation proposing future directions for a new alumnae-focused program.

PROGRAMMING SKILLS

- **Proficient:** Java, C, React, HTML/CSS
- **Familiar:** UNIX, R, Python, SQL

PROJECTS

- **Money Buddy** *Jan. 2021*
 - Utilized Python and Venmo API to create a program that analyzes transactions and outputs a compilation of the user's overall trends of money spent.
- **Boof** *Dec. 2020*
 - Developed a web application using React frameworks.
 - Game prompts the player with a set of arrow keys and utilizes a timing function to determine game-over.

EXTRACURRICULARS

- **alpha Kappa Delta Phi International Sorority** *Sept. 2019 - Present*
 - Treasurer (*Dec. 2020 - Present*), Secretary (*Aug. 2020 - Dec. 2020*), Fundraising Chair (*Aug. 2020 - Dec. 2020*)
- **Purdue Multicultural Greek Council** *May 2020 - Present*
 - Treasurer (*May 2020 - Present*)
- **Purdue Asian Student Union Board** *May 2020 - Present*
 - Fundraising Chair (*May 2020 - Present*)
- **Society of Asian Scientists and Engineers** *Aug. 2019 - Present*
- **Asian American Association** *Aug. 2020 - Present*