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EDUCATION

University of Illinois at Urbana-Champaign – Champaign, IL
Bachelor's Degree, Information Science + Data Science with minor in Computer Science

Aug 2021 - Dec 2025
GPA: 3.6/4.0

Relevant Coursework: Data Structures & Algorithms, Numerical Analysis, Linear Algebra, Discrete Mathematics, Modeling and Learning in Data Science, Database Concepts & Applications

EXPERIENCE

Synchrony – Stamford, CT
Credit Analyst Intern

June 2024 – August 2024

- Analyzed 1M+ data points to enhance automated decisioning strategies for credit approvals and line assignments
- Cleaned, transformed, and modeled diverse datasets to identify parameters linked to high-performing customers
- Delivered technical findings to non-technical stakeholders through concise, audience-tailored presentations

University of Illinois at Urbana-Champaign – Champaign, IL
Machine Learning Research Assistant

September 2023 – December 2023

- Investigated the relationship between 100+ genes/conditions and disease inheritance likelihood
- Implemented statistical tests and cross-validation methods in clean, maintainable code to validate findings
- Created clear visualizations to illustrate gene prevalence and variable distributions across populations

PROJECTS

Personal Website/Portfolio – Programmed in ReactJS/Tailwind CSS

- Designed and deployed a responsive, interactive portfolio site showcasing experience, projects, and interests
- Implemented modular React components and Tailwind styling for efficient development and scalable design

Monte Carlo Retirement Projection – Programmed in Python

- Built a simulation tool to model long-horizon portfolio outcomes with user-defined asset allocation, contribution schedules, and inflation-adjusted projections
- Implemented configurable volatility assumptions, random seed control, and percentile scenario bands

INVOLVEMENT

Phi Kappa Psi Social Fraternity – Champaign, IL
Recruitment Chair

September 2022 – May 2023

- Collaborated with a team of 4 recruitment chairs and designed and executed a successful recruitment strategy to increase overall new member enrollment to meet chapter goals and objectives
- Coordinated logistics, and managed a budget and timeline to organize events such as meet-and-greets, barbeques, and other social gatherings to help potential new members meet current fraternity members
- Utilized and created social media posts and other promotional multimedia to increase recruitment visibility

University of Illinois Club Basketball Team – Champaign, IL
Player

September 2022 – May 2025

- Dedicated 15-20 hours a week to practicing, traveling, and competing in tournaments around the Midwest
- Provided leadership for new teammates and helped foster a competitive environment in practice while maintaining a sense of team unity

Illinois Women's Basketball Team Practice Player – Champaign, IL
Practice Player

September 2022 – December 2024

- Mirrored playbook of upcoming opponents to help team prepare for in game situations
- Participated in high intensity scrimmages to provide opportunity for team to simulate game-like scenarios

SKILLS, ACTIVITIES, & INTERESTS

Skills: Python (pandas, NumPy, scikit-learn, TensorFlow, PyTorch), SQL, C++, Java, Excel, Tableau, R, Machine Learning

Activities: Study Abroad at Universitat Pompeu Fabra (Barcelona, Spain), Chess, Long-Distance Running, Strategy Games

Interests: NBA Basketball (Chicago Bulls), *The Wire* (TV Show), Thinking Basketball Podcast, Healthy Recipes