
EDUCATION

Northwestern University**Evanston, IL**

Bachelor's Degree, Computer Science, GPA: 3.84

Expected Jun 2025

- Double Major in History | Transferred from Chapman University in 2022
- **Relevant Coursework:** Artificial Intelligence, Algorithms, Big Data Analytics, Data Structures, Object-Oriented Programming, Computer Networking, Operating Systems, Unix and Linux

WORK EXPERIENCE

NASA**Washington, DC**

Incoming Spring Data Analyst Intern

Spring 2024

- Incoming Spring Intern for the Planetary Defense Coordination Office for near-earth asteroid collisions
- Develop a data-driven approach for visualizing the intricate and multidisciplinary funding portfolio NASA uses to find and track potentially hazardous asteroids and drive funding from Congress using Excel VBA and PowerBI

First American**Santa Ana, CA**

Software Engineer Intern (Integration)

Jun 2023 – Aug 2023

- Automated data migration from Azure to PowerBI dashboard for Enterprise infrastructure team
- Provided real-time report for team productivity in PowerBI dashboard for management product planning
- Leveraged REST APIs and MS SQL server database to integrate platforms through a Mule application
- Worked in Agile environment with team to create an Azure CI/CD pipeline for application deployment

Chapman University**Orange, CA**

Economic Research Assistant

Jun 2022 – Sep 2022

- Led improvements in data collection process for economic research team using web scraping and Excel
- Built datasets of macroeconomic metrics and analyzed demographics of world leaders to find economic trends

Machine Learning Research Assistant

Jan 2022 – May 2022

- Implemented machine learning algorithm for health tech project studying sensor detection of developmental issues
- Improved classification accuracy of health issues by 20% with Python and TensorFlow in Jupyter Notebooks

PROJECTS

Conway's Game of Life

- C++ game of cell simulation on grid, with multiple game modes in object-oriented development

SQL Compiler

- C Program scanning user input, parsing, and analyzing for semantic errors to run small SQL queries on database

LEADERSHIP

Swedish-American Chamber of Commerce**Chicago, IL**

Young Professionals Committee Member

Oct 2023 – Present

Northwestern AI Club**Evanston, IL**

Board Member

Sep 2023 – Present

Chapman IEEE Student Branch**Orange, CA**

Vice President

Jan 2022 – Jun 2022

SKILLS & INTERESTS

Languages:

Java, Python, C++, SQL, JavaScript, CSS, HTML

Developer Tools:

Git, Docker, Jenkins, REST, Relational Databases (MS SQL Server)

Interests:

History, Sailing, Travel, Photography