

Jay Jo

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EDUCATION

University of Illinois Urbana-Champaign (UIUC)

B.S. Computer Science | Statistics Minor

May 2026

GPA: 3.9/4.0

Relevant Coursework: Systems Programming, Database Systems, Artificial Intelligence, Computer Architecture, Data Structures, Statistics and Probability I & II. *Currently Enrolled:* Deep Learning for Computer Vision, Distributed Systems, Applied Machine Learning, Numerical Methods.

WORK EXPERIENCE

UIUC Illini Solar Car

Jan 2023 – May 2023

Telemetry Team Member

- Active as telemetry team member working on data processing and visualization to better understand car performance from previous American Solar Challenge (ASC) races to improve future strategy.

CJ Entertainment & Media

June 2019 – Aug 2019

Data Insights Intern

Seoul, South Korea

- CJ E&M known to be one of South Korea's largest entertainment and media contents company.
- Worked closely at main headquarters with digital contents data analysis team. Analyzed and researched data for multi-million subscriber YouTube channels (tvN, tvN DRAMA, etc.).

Columbia University - The Hone Group Lab

June 2018 – Aug 2018

Research Intern

New York City, NY

- Worked aside post-docs in the exfoliation and stacking of novel 2D materials such as graphene and BN to examine optoelectronic properties. Clean room experience involving the use of raman spectroscopy, AFM, etc.

PROJECTS

BookBridge

- Fully led front & back end for a MySQL, Express, Node.js based application designed to allow students to get information about their favorite books and to be able to connect with fellow students who share the same book interests.

Illini Course Data

- Led a team that built a Flask based Python application for students to view statistical data on university course grade distributions and professor reviews. Lead front end design (CSS/Bootstrap), data visualization (Matplotlib/Pandas) & data sorting. Working on website deployment.

SKILLS & INTERESTS

- **Programming:** C, C++, MySQL, MongoDB, Python, Javascript, HTML, CSS, React
- **Technologies:** Bootstrap, Flask, Node.js
- **Interests:** Former ambitious architect and avid runner. (Art Portfolio: <https://rb.gy/3wwlle>)