

# Ethan Handojo

Acton, MA | 978-429-5672 | [handojo3@illinois.edu](mailto:handojo3@illinois.edu) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

---

### University of Illinois at Urbana-Champaign

Champaign, IL

• *Bachelor of Science in Statistics + Computer Science*

May 2025

• **GPA: 3.88/4.00**

• Coursework: Data Science, Statistics and Probability, Calculus Series, Intro to Computer Science, Discrete Structures, Data Structures, Statistical Modeling, Advanced Data Analysis

## PROFESSIONAL EXPERIENCE

---

### EduGion

Acton, MA

*Front End Developer Intern*

June 2022 - Present

- Produced multiple visual elements of web applications by translating UI/UX design wireframes into code, producing high quality dynamic and browser compatible pages using HTML5, CSS3, JavaScript (React)
- Participated in each developmental step of EduGion's Job Portal site from ideation to development improvement for features reaching over 200,000 users
- Built extensive test coverage for all new features, reducing the number of customer complaints by 10%

### Omni Navitas

Acton, MA

*Data Science Intern*

May 2020 – September 2020

- Performed data manipulation, analysis, modeling, and visualization on massive customer data with Python, R, Microsoft Excel Spreadsheets
- Improved mining process, resulting in a 15% decrease in time needed to infer insights from customer data used to develop marketing strategies
- Developed a machine learning model to analyze customer lifetime value based on certain traits of the customer

## Projects

---

### College2NBA

June 2022 – Aug 2022

- Developed a Python script that ran a logistic regression model on 14 years of NCAA college player data to predict players' probabilities of making the NBA
- Mined player statistics and physical attributes for every college basketball player since 2008 to feed the machine learning mode, which was integrated into a web application
- Utilized with Pandas, Numpy, Scikit-learn (MLPClassifier, LogisticRegression, and Metrics such as Confusion Matrix), Imbalanced-learn, as well as Streamlit for developing the web application

### Malaria AI

December 2021

- Coded an AI model in Python that determined if images of cells were infected with Malaria at an accuracy of 94%
- Utilized a variety of Python Libraries such as TensorFlow, NumPy, Matplotlib, and Seaborn
- Created a model with a Convolution Neural Network with dense and output layers, compiled and trained the data, and displayed test accuracy in a Confusion Matrix

## Leadership

---

### Psi Eta Mu Professional Information Science Fraternity.

Champaign, IL

*Event Coordinator Director*

Aug 2022 - Present

- Plan and organize events such as rush social events, barn dances, and winter/spring formals each year for organization's 200+ members
- Reputation for creating successful events on a limited budget
- Promote Psi Eta Mu events to 10k+ students during Quad Day and Resource Fair
- Reach out to representatives of various Fortune 500 Companies for student recruitment
- Hosted Professional Events such as Resume and AWS Skill Development Workshops

## SKILLS & INTERESTS

---

**Languages:** Java, C++, Python, R, SAS, HTML, CSS, JavaScript

**Libraries:** Pytorch, Numpy, MATLAB, ReactJS, React Native

**Activities:** Association for Computing Machinery (SIGAIDA), Psi Eta Mu Data Science Professional Fraternity (Event Coordinator Director), Singapore Students Association (Secretary)

**Awards:** AP Scholar with Distinction, Seal of Biliteracy, Hugh O'Brien Youth Leadership Award, President's Volunteer Service Award, Dean's List