

Ethan Handojo

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EDUCATION

University of Illinois at Urbana-Champaign

Champaign, IL

• *Bachelor of Science in Computer Science + Statistics*

May 2025

• **GPA: 3.96/4.00**

• 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

Frontend Developer Intern

June 2022 - Present

- Collaborate with web designers, back-end developers and UX designers to design, build, test and improve EduGion's job portal site
- Design dynamic and browser compatible pages using HTML5, CSS3, and JavaScript
- Deliver engaging user experience through optimization of images, videos, questionnaires, code, and cross-browser compatibility

Omni Navitas

Acton, MA

Data Science Intern

May 2020 – September 2020

- Formatted, cleaned, combined, and filtered millions of lines and hundreds of variables of Omni Navitas' Solar Panel Client Data (R, Microsoft Excel Spreadsheets)
- Conducted geospatial analysis to generate and qualify profitable opportunities using QGIS
- Created 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

Aug 2022 – Present

- Plan and organize events such as rush social events, barn dances, and winter/spring formals each year for organization's 100+ members
- Reputation for creating successful events on a limited budget
- Promote Psi Eta Mu events to 10k+ students during Quad Day and Resource Fair

SKILLS & INTERESTS

Languages: English (native), Mandarin Chinese (second language), Spanish (conversational)

Skills: Java, C++, HTML, CSS, Python, R, JavaScript, Microsoft Word/Excel, AWS

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

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