

Christopher Mauck

cmauck10@mit.edu | linkedin.com/in/chris-mauck

Education

Massachusetts Institute of Technology

Masters of Engineering conc. Artificial Intelligence and ML
Bachelor of Science in Computer Science

Relevant Coursework: Artificial Intelligence, Data Science, Software Construction, Systems Engineering, Design and Analysis of Algorithms, Network Security and Cryptography

Cambridge, MA

Sept 2020 – Dec 2021
Sept 2016 – June 2020

Experience

Inspirit AI

Instructor and Mentor

- Mentoring 10 students through a 10 week, project based course, using Machine Learning and AI to solve independent research questions in healthcare, accessibility, sports performance, and renewable energy.
- Instructing 15 students through a two week class focused on AI/ML origination, implementation, and ethics.

Remote

May 2022 – Pres

Acima

Product Analyst

- Utilized pre-trained NLP classification models to label unknown product categories in efforts to analyze customer behavior
- Analyzed merchant and customer transaction data using Pandas in efforts to decrease negative experiences and improve lease conversion rates
- Designed customer survey program to establish baseline NPS across multiple e-commerce channels.

Plano, TX

May 2021 – Apr 2022

Google

Software Engineer Intern / Android Dev

- Optimized periodic syncs to account for battery and network conditions
- Code shipped to billions of Android devices, impacting GMAIL, Calendar, Docs, and other 1st party apps

Sunnyvale, CA

May 2019 – Aug 2019

Harvard Medical School

Data Science Intern

- Developed models to identify patterns in known and unknown genetic mutations
- Identified machine learning characteristics for known genomic regions
- Compiled and cleaned datasets

Remote

June 2020 – Aug 2020

Projects

Ecommerce Product Classification

Acima – Product Analyst

- Utilized NLP classifier pre-trained on Amazon webstore data
- Classified stream of customer bought products into categories in order to analyze customer behavior and purchasing trends

Digital Product Intake

Acima – Product Analyst

- Designed and implemented feedback intake process for digital product and strategy teams
- Saved team thousands of dollars by using existing licensing instead of procuring new ones

Impact of COVID on Computer Science Students

MIT Graduate Student - Thesis

- Analyzed and modeled students' participation before, during, and after the pandemic using python
- Utilized correlation and clustering algorithms to highlight the impact of COVID on student involvement and performance

Leadership

Varsity College Football Team

Quarterback – Team Captain

- Two-time Conference Championship winner
- Committed 25 hours per week to training and playing games while maintaining full course load
- Developed a team culture that is rooted in hard work, dedication, and unity

Delta Kappa Epsilon Fraternity

House Manager

- Created house culture of cleanliness and accountability
- Repaired any damages to rooms, fixtures, furniture, walls, and ceilings
- Allocated and budgeted funds to finance house renovations and repairs

Skills & Activities

Software: Python, Java, C++, Scikit-Learn, Tensorflow, SQL, Docker, Proto, Git, Github, Arduino, Roboelectric Framework, Android Studio, Adobe Photoshop, Microsoft Office, MIRO

Additional Projects: Gradient Boost NFL Prediction Model, NLP Based Stock Prediction Model, Intelligent path planning robot, AI Cooking Assistant, Finite State Machines, Arduino laser data transfer, Signal processing, Data cleaning/mining, Data classification, Abstract Reprs, Multithreaded Servers, Recursive Datatypes, Image processing, Game implementation, SAT solver, Boolean logic equations