

alex m. xu

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projects

Hack4Impact

student-run nonprofit building software for good causes. ProPublica + BFAS. Currently sourcing projects!

Vidiio

synchronized channels for real-time video collaboration.

MyoMusic

HackingEDU Winner
virtual DJ system with MyoArmband integration.

skills

Languages

Java, Python, PHP/Hack, Javascript, R, SQL, LaTeX

Frameworks/Tech

numpy/pandas, scikit-learn, React, Node, express, AWS, Spark, Docker, Kubernetes

additional info

Boy Scouts of America

Eagle Scout T452

Interests

Films of **Malick**, **Scorsese**, **PTA**, and the **Coens**, **cue sports**, **poker** (NLH/PLO), **cooking**, British quiz shows (esp. **Only Connect** and **University Challenge**)

education

University of Pennsylvania

Masters of Science in Engineering · 2020 - 2021
Computer Science 3.85/4.0

Bachelors of Science in Engineering · 2017 - 2021
Computer Science

experience

Facebook

Core Growth

Software Engineering Intern · MAY - AUG 2020
Developed framework for proactively detecting and remediating content privacy, designed and led a 10x improvement to status detection, received highest performance rating

Messenger ML

Software Engineering Intern · JUN - AUG 2019
Implemented experimental methods for optimizing ranking models, analyzed new features, built debugging tool and data monitoring pipelines

on campus

CIS 121 (Data Structures)

Teaching Assistant · AUG 2019 - PRESENT
Lead weekly recitation and office hours, grade homework + exams, and create recitation lesson plans for the entire TA staff

University of Pennsylvania School of Medicine

Undergraduate Researcher · MAY 2018 - PRESENT
Develop scripts to run, test, and parse performance of Relief-based feature selection algorithms. Implement experimental methods for faster processing of noisy datasets.