

Andrew Chuang

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EXPERIENCE

Carnegie Mellon University

BS Statistics and Machine Learning, 2022

Additional Major in Human-Computer Interaction

Summer Scholar | Deloitte Consulting

June 2021 - July 2021

Improved quality of deliverables developed for a large state client's Medicaid platform (serving ~1.42 million residents) by running 30+ scripts and tests, correcting 20+ defects. Created strategic roadmap for how 700+ account practitioners can engage in regional social impact events.

Research Intern | UCSD Design Lab

June 2020 - September 2020

Generated different prototypes of creative search engines. Designed study tasks and led 20+ user tests and interviews. Investigated user search behaviors and prototype success by analyzing search log data in Python. Authored [paper](#) that was accepted into ACM CHI 2021.

Business-Artificial Intelligence Intern | WVU Medicine

May 2020 - August 2020

Transformed raw enterprise and clinical data into enriched forms. Created machine learning models that predicted COVID-19 patient outcomes. Spearheaded redesign and redevelopment of external-facing informational pages.

EXTRACURRICULARS

Main Executive Chair | Activities Board

May 2021 - Present

Preside over Carnegie Mellon student government's event programming arm, overseeing team of 16 chairs across 6 different committees. Ensure smooth transition to in-person events by facilitating check-ins and weekly general body and leadership meetings. Managed a \$411k budget and successfully lobbied for a 4.4% budget increase as the immediate-past Finance Chair.

Resident Assistant | Carnegie Mellon Residential Education

August 2019 - May 2020

Provided mentorship and guidance for 24 first-year residents. Held events centered around wellness, decision-making, cultural competency, and social responsibility for 160+ residents in housing community. Supervised community house council.

SKILLS

Programming: Python (including Pandas, Scrapy, Sci-kit Learn), HTML/CSS, R, C

Software: Adobe Photoshop, InDesign, Illustrator, XD, Figma, Solidworks, Tableau, Microsoft Office Suite

Spoken Languages: English (native), Chinese (professional fluency)