Amy Lu

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Website:
https://helloitsamy.netlify.app/

Carnegie Mellon University, Pittsburgh PA
Bachelor of Science in Computer Science, minor in Philosophy
Projected Graduation: Dec 2021, GPA (QPA): 3.3/4.0

EXPERIENCE

SWE Intern, *Zensors*

June 2020 - Aug 2020

Added features to Zensor's visual sensing platform UI. Projects include streamlining the notifications feature of the app and creating a new time selector component.

Lecture Notes Writer, *Carnegie Mellon University SCS*

June 2020 - August 2020

Wrote lecture notes for the course Intro to Database Systems (15-445).

Research Intern, *University of Pennsylvania CIS*

May 2019 - Aug 2019

Developed a Chrome extension to help teachers organize course materials. Used Google Apps Script (JavaScript) to parse and tag Google Drive documents and also build a searchable, sorted question bank.

PROJECTS/PUBLICATIONS

Food@CMU— *2nd place HackCMU 2018*

Developed Flask web app for CMU dining services that helps students find food on campus and donate dining blocks to local charities. Used HTML, CSS to design web pages and JavaScript to integrate Google APIs

TextCrafter— *TartanHacks 2019*

Developed Android app that suggests responses to text messages. Used in XML and Java through Android Studio, utilized Microsoft Azure Text Analytics APIs.

Development of a novel approach to identify cancer drivers for hepatitis B virus associated hepatocellular carcinoma

American Association for Cancer Research 2018 Journal.
Shih-Chun Shen, Amy Lu, John Shieh, et al.

ACTIVITIES

Jane Street INSIGHT software engineering program— *Jan 2019*

Ministry Team leader, Asian Christian Fellowship — Jan *2018 -*

INSPIRE (CMU Interfaith Spirituality Embassy)— Jan *2018 -*

SciTech Journalist, The Tartan — Nov *2018 - August 2019*

SKILLS

Python, C, SML, Java,
JavaScript, HTML, CSS, React

RELEVANT COURSEWORK

Introduction to Computer Systems (15-213)

Parallel and Sequential Data Structures and Algorithms (15-210)

Great Ideas in Theoretical Computer Science (15-251)

Principles of Functional Programming (15-150)

Principles of Imperative Computation (15-122)

Probability and Computing (15-259)

COMMUNITY SERVICE

Started and directed a virtual **Coding Camp** for kids at Pittsburgh Chinese Church
August 2020

Pittsburgh's LIVING ministries inner-city **homeless outreach**
October 2019-present

Notetaker for CMU Office of Disability Resources
September 2018 - May 2019

Construction work and community outreach missionary in Ecuador
May 2019

English teacher and missionary in Taichung, Taiwan
July 2018, 2019