

RENA LI

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EDUCATION

Carnegie Mellon University, School of Computer Science

Candidate for B.S. in Human Computer Interaction & Minor in Psychology

- Dean's List: High Honors (Spring 2021, Spring 2022)

Pittsburgh, PA

August 2021 — May 2024

North Hunterdon High School

- Graduated June 2020, GPA: 4.2/4.0, SAT — Verbal: 750, Math: 800, ACT — 35

Annandale, NJ

SKILLS & COURSEWORK

Coursework: Imperative Programming, Functional Programming, Computer Systems, Interaction Design, Discrete Mathematics, Linear Algebra, Multivariable Calculus, Probability Theory

Computer Languages: Python, C, SML, HTML & CSS, JavaScript, R

Tools: Figma, Github, Weka, LightSide

Oral Languages: Fluently speak Mandarin Chinese

EXPERIENCE

Teaching Assistant (Lead Office Hours TA)

Introduction to Computer Systems (ICS/15-213)

- Conduct coordination between students and fellow TAs to create and manage an effective office hours schedule
- Lead 2-hour office hour sessions 3 times a week
- Tutor individual students one-on-one both remotely and in-person for course assignments and exams
- Grade student-submitted labs for style and schedule weekly code review appointments for 13 students
- Assist professors during weekly lecture periods by answering student questions and distributing lecture materials

May 2022 — Present

CMU - Pittsburgh, PA

Research Project Manager

Computer Human Interaction: Mobility Privacy Security Lab

- Managing a team of 2 research assistants by directing weekly update meetings with head professors, training and on-boarding new research assistants, and designating tasks and responsibilities
- Performed qualitative and quantitative analysis on 33.5K tweets using Python and R to gather design implications for the production of a grass-roots, bias-auditing tool
- Developed Python scripts to automatically pull Twitter conversations and conduct data and feature engineering
- Built Naive Bayes classifiers and support-vector machines using scikit-learn, Weka, and LightSide to classify the roles users and their tweets play within a user-driven audit
- Co-authored a paper for conference submission

March 2021 — Present

CMU - Pittsburgh, PA

PROJECTS

Dot! (Project)

- Designed and implemented a digital bullet journal with an interactive task list, a graphical habit tracker, and a custom text editor using Python

Fall 2020

EXTRACURRICULAR ACTIVITIES

College — Christians on Campus (Vice-President), Fencing Club