

Lynn Kim

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Education

CARNEGIE MELLON UNIVERSITY

August 2021 - Present

Information Systems, B.S. | GPA 3.85 | Expected Graduation 2025

Experience

SOFTWARE DEVELOPER

December 2022 - Present

Autolab Project

Worked to develop new features for Autolab, an open source software allowing for autograded programming. Enhanced existing workflows, answered questions from and assisting the Autolab open source community, conducted user research and usability testing with active users, and responded to bug reports. Used Ruby on Rails, JavaScript, Python, and Docker.

ASSOCIATE HEAD TEACHING ASSISTANT

January 2022 - Present

Carnegie Mellon University Fundamentals of Programming & CS (15-112)

Managed and mentored a staff of ~15 TAs, organized course-wide events, and led staff-wide grading sessions. In charge of reviewing all course material and exams for quality, clarity, and exhaustive test cases. Developed curriculum, autograders, and web platform (CS Academy) used by hundreds of both Carnegie Mellon students and high school students across the United States. Led weekly recitation sections for a classroom of ~20 students.

RESEARCH ASSISTANT

Sept 2022 - December 2022

Carnegie Mellon University Human-Computer Interaction Institute

Project: Human-AI Co-orchestration of Collaborative Learning. Implemented a technology ecosystem to help teachers facilitate dynamic transitions between learning modes. Worked as a web app developer to apply findings from user research and design studies to front-end development. Conducted user research on design choices balancing teacher-student control in classrooms, utilizing both qualitative and quantitative methods for collecting user input. Performed data analysis for study results, synthesizing findings across users.

RESEARCH ASSISTANT

June 2022 - August 2022

Carnegie Mellon University Privacy Economics Experiments Lab

Project: Determining the effects of ad-blocking and anti-tracking technologies on consumer internet behavior. Developed a method to analyze hundreds of consumer purchase histories from a MariaDB server using the Python pandas library. Wrote scripts in Python and JavaScript to strip PII while extracting data from study participants using the Mozilla Thunderbird API.

MOBILE APPLICATION DEVELOPER

August 2021 - May 2022

ScottyLabs at Carnegie Mellon University

Worked on frontend development and API integration of the mobile TartanHacks application. Utilized Flutter and Dart to create pages seen by hundreds of students, sponsors, and recruiters at CMU's annual TartanHacks hackathon. Collaborated with project chairs following best practices for source control management, testing, and operations.

TECHNICAL CONSULTANT

August 2021 - May 2022

re:Bloom Consulting Nonprofit

Developed custom web solutions for local, minority-owned small businesses in an iterative process using Figma and Wordpress. Implemented client's ideal digital solution over 10 weeks by conducting market research, usability testing, and weekly client meetings.

Awards and Honors

Carnegie Mellon University: Dean's List with High Honors

National Center for Women & IT: Aspirations in Computing Awards

National Honorable Mention Winner | Orange County Regional Affiliate Winner

Skills

Technical: Python | C | HTML | CSS | JavaScript | SQL | MongoDB | PostgreSQL | Git

Language: English (Full Professional Proficiency) | Korean (Native or Bilingual Proficiency)