Ju Eun (Lydia) Lim

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https://github.com/ljlim3
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SKILLS

Programming/Software
Angular
Jasmine
React
Vue JS & Vuex
HTML5
CSS3
Sass
axe DevTools
WordPress
Hostinger
Adobe InDesign
Figma
Django
Flask
C/C++
Java
Python
MIPS

Languages
Fluent in Korean & English

RELEVANT COURSES

User Experience Engineering
Usability Testing in Technical Writing
Introduction to Human-Computer Interaction
Programming Languages for Web Applications
Integrating Writing and Design
Introduction to Data Science
Software Quality Assurance
Algorithm Implementation
Fundamentals of Computer Science - Data Structure
Introduction to Object-Oriented Programming (JAVA)
Fundamentals of Computer Science (C++)
Formal Methods in Computer Science
Introduction to Systems Software
Computer Organization and Assembly

EDUCATION

Harrisburg University of Science and Technology
M.S. in Human-Centered Interaction Design, August 2025

University of Pittsburgh, Pittsburgh, PA
B.S. in Computer Science, GPA 3.79, May 2021

WORK EXPERIENCE

Frontend/UI Developer | Consultant
CGI Inc.
June 2021 – Present
Pittsburgh, PA

Develop Angular and CSS-based UI components for PNC Bank's component library. Collaborate with designers, product managers, accessibility coaches, and frontend engineers. Do thorough code reviews, mentor junior developers, conduct spike research for complicated development problems, and resolve development support tickets. Assist consumers in weekly office hours. Created onboarding documentation to streamline developer onboarding process. Develop accessible, responsive, versatile, maintainable, and user-friendly components adaptable to mobile devices. Write unit tests. Architect new components.

User Experience (UX) Design/Engineering Research Assistant
Learning Research & Development Center, University of Pittsburgh
August 2020 - May 2021
Pittsburgh, PA

Design a teacher and student dashboard for UbiCoS, an intelligent educational learning web-platform. Implement using JavaScript, HTML, and CSS. Design, create mockups and wireframes, and implement a parent dashboard for EMBRACE, an embodied intelligent iPad tutoring app for improving English comprehension for dual language learners, using React. Develop user interview questions and script.

Computer Science Tutor (C++)
Computer Learning Center, Pasadena City College
Sep 2018 - June 2019
Pasadena, CA

Provided tutoring support to students: homework assistance, explain programming concepts.

Computer Science Teaching Assistant
Fundamentals of Computer Science II (C++), Pasadena City College
Feb 2019 - June 2019
Pasadena, CA

Provided embedded tutoring to 12+ students during lab sessions: homework assistance, presentation on debugging using QT debugger.

PROJECT

WordPress Church Website
Korean Presbyterian Church of Akron (akronkpc.org)
2024

Re-design the UI and information architecture. Transfer to a new hosting/domain service and maintain website.

Church Website for KPCA
Personal Project – UX Design & Frontend Development
2022 – Present

Design and implement church website. Create prototype using Figma. Implement using React.

CGI Client Onboarding Portal
Capstone - UX Leader & Frontend Developer
Spring 2021

Design new features of the client onboarding portal using Invision, wireframe using PowerPoint and implement in Angular, review workflows, and use SonarQube to detect and fix issues in Angular frontend code.

Smart Scheduler
Personal Project
Summer 2020

Develop smart scheduler for students to help them improve time management.

2020 She Innovates Hackathon - 2nd Place Winner
University of Pittsburgh
Spring 2020

Contributed to front-end development of a chrome extension, Foot, that upon item search, generates a list of products with ratings on eco-friendliness and makes eco-friendly recommendations. Also selected as a semifinalist in Pitt Randall Family Big Idea Competition.

AWARDS & HONORS

Jack Kent Cooke Transfer Scholar Semifinalist 2019
The Heartfield Scholarship (STEM) 2018
Academic Senate Dean's Honor Scholarship 2018
Leadership Scholarship 2018
Leadership and Volunteer Scholarship 2017