

Ju Eun (Lydia) Lim

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<https://ljlim3.github.io/portfolio> 🌐

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SKILLS

Programming/Software

Angular
React
Vue JS & Vuex
HTML
CSS/SCSS
axe DevTools
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

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

WORK EXPERIENCE

Frontend/UI Developer | Consultant

June 2021 - Present

CGI Inc.

Develop Angular and CSS-based UI components for PNC Bank's component library. Collaborate with designers, product managers, accessibility coaches, and frontend engineers. Participate in code reviews, help/mentor new team members, conduct spike research for complicated development problems, and resolve development support tickets. Develop accessible, responsive, versatile, maintainable, and user-friendly components.

User Experience (UX) Design/Engineering Research Assistant

August 2020 - May 2021

Learning Research & Development Center, University of Pittsburgh

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++)

Sep 2018 - June 2019

Computer Learning Center, Pasadena City College

Pasadena, CA

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

Computer Science Teaching Assistant

Feb 2019 - June 2019

CS002 Fundamentals of Computer Science II (C++), Pasadena City College

Pasadena, CA

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

PROJECTS

Church Website

Personal Project – UX Design & Frontend Development

2022 – Present

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

CGI Client Onboarding Portal

Spring 2021

Capstone - UX Leader & Frontend Developer

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

Summer 2020

Personal Project

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

2020 She Innovates Hackathon - 2nd Place Winner

Spring 2020

University of Pittsburgh

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.

Food with Friends - Group Project

Spring 2020

University of Pittsburgh

Developed a website that lets users post and sell left-over food and host homemade dinner, connecting everyday cooks to local buyers. Implemented front-end and back-end of submission forms and profile page with the history of posts, which can be edited and deleted.