Nicole Juhee Lee

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Objective

Junior at Stanford University, majoring in Computer Science with a concentration in Human-Computer Interaction. Interested in bringing my technical knowledge into product design and development.

Education

Stanford University — **Stanford, CA**

B.S in Computer Science – GPA 3.86/4.0 — 09/19 - Present

Skills

- Programming languages: **C/C++; Python; Java; JavaScript; Linux; React; CSS; HTML; Typescript; React Native; Kotlin**
- Familiar with cloud tools: **Kubernetes, Docker, ElasticSearch**
- Fluent in **Spanish** and **Korean;** Proficient in **Excel; Agile framework**

Professional Experience

Software Engineer Intern, **Cisco**, San Jose, CA — Jun.2022-Present

- Working on the DevX team, responsible for designing, deploying, and supporting a private cloud platform to enable applications to run in containers and promote the transformation of existing applications to a cloud architecture
- Building user-interactive python flask application and chatbot for Webex Teams to filter, sort, and notify network changes and errors to end-users. All the applications run on Dockerized containers on Kubernetes through thorough understanding on Kubernetes structure, microservices, and interactions between pods and controllers
- Technologies: **Kubernetes, Docker, Python, Flask, JS, WebEx Teams API, ElasticSearch**

Venture Fellow, **Lair East Labs**, New York, NY — Mar.2022- Present

- Helping founders and investors with market research and business strategy
- Supporting Lair East Labs directly by creating internal database system and adding a careers page on the website

Full Stack Developer, **Openproof**, Stanford, CA — Mar.2021- Dec.2021

- Refashioned the courseware website to display textbook and online course information in a more visually appealing way to enhance user experience
- Converting a logic courseware desktop application to a web application using the Model-View-Controller (MVC) paradigm: implemented a new way of rendering proofs and adding/removing steps and sub proofs
- Technologies: **JavaScript (ES 6), jQuery, Java, Subversion SVN**

Front End Developer, **Entyre**, **Menon Labs Fellowship** — Mar.2021 – Jun.2021

- Built a web application for a German startup (Entyre) to be used by doctors and medical professionals which allows doctors to enter diagnoses and prescriptions to cross-reference with patients' other prescriptions
- Made executive design decisions and how to implement various features (ex. creating patient pages with patient-specific URLs and creating PDF copies)
- Utilized HTTP requests and REST API through GET and POST methods to send and receive patients' experiences, create an autofill function for prescription suggestions and generate personal PDF copies
- Technologies: **JavaScript (ES 6); React; Typescript**

Front End Engineer, **Carta**, Stanford, CA — Mar.2021 – Dec.2021

- Implementing Carta V3 (Carta V2: https://carta-beta.stanford.edu), a course feedback website that Stanford students use to find information like course intensity, student reviews, and grade distribution
- Working closely with the design team, created course pages, course tabs, widgets, and title bars for each page to show time estimate for workload and professors' information
- Technologies: **React, TypeScript**