Yu Jin (Erin) Kwon

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EDUCATION

University of California, Los Angeles (UCLA)   *Cumulative GPA:* 3.95
Bachelors of Science, Computational and Systems Biology – Data Science   Expected Graduation June 16 2024
- **Relevant Coursework**: Algorithms and Data Structures; Object Oriented Programming and Complexity; Computer Graphics; Artificial Intelligence; Digital Humanities; Discrete Mathematics; Linear Algebra and Applications; Calculus; Statistics

RELEVANT SKILLS

- **Programming Languages:** Python, JavaScript, Java, C++, HTML, CSS, Typescript
- **Tools:** React, Git, Figma, Firebase, Node, NoSQL, AWS, CDK, PySpark, JUnit, Mockito

EXPERIENCE AND LEADERSHIP

Amazon   Bellevue, WA
Software Development Engineer Intern   June 2023 – Present
- Designing and developing an end-to-end dataset visibility service that routinely generates sensitive training data deletion reports for **100+** Alexa data scientists, considering business needs, technical trade-offs, and development timeline.
- Implementing workflow using **Java** to store customers' configuration data into **DynamoDB** and create a corresponding schedule in **EventBridge** to trigger a **Step Function** for data deletion report generation.
- Programming an algorithm in **PySpark Python** with **Glue** to aggregate **100,000+** data deletion trails from **S3** over the customer's specified date-range to generate the **CSV** data deletion report and routinely alert **100+** data scientists using **SNS**.

Creative Labs – "Plan It" [link][src]   Los Angeles, CA
Full Stack Developer   October 2022 – November 2022
- Built a full-stack **React** web application called "Plan It" using API calls to **Firebase** backend that recommends local activities to users and helps them plan out their stay in the greater Los Angeles area.
- Developed and styled an interactive calendar component using **React** and **CSS**, allowing users to present and dynamically edit their scheduled events on a visually-pleasing calendar.
- Parsed through arrays of **JSON** scheduled event objects to access details like event name, start time, and event type to display information and corresponding style, based on the **Figma** prototype, on the calendar event widget.

LA Blueprint   Los Angeles, CA
Internal Vice President   June 2023 – Present
- Spearheading member recruitment by hosting info sessions and streamlining a recruitment process that receives **200+ applications**, and organizing internal events that caters to **40+ members**.
- Leading initiative for open summer workshops that teach design and development basics for students from underrepresented communities, opening up gateways into tech careers.

"Friends of the Children" Full Stack Developer [src]   October 2022 – June 2023
- Collaborated with nonprofit "Friends of the Children" to develop a full-stack **React** web application to serve as a centralized resource bank for caregivers with modules, a calendar, and a messaging system.
- Developed the module system by pulling data from **Firebase**, enabling administrators to add or edit nested modules with text/images/links/PDFs, and allow mentors and caregivers to view and access resources in each module.
- Used **Git** and **Figma** to collaborate with 6 developers, 3 designers, and 2 project leads in an agile biweekly sprint environment.

UCLA Strategic Communications   Los Angeles, CA
UX Strategist and Developer   August 2022 – June 2023
- Improved user experience and accessibility to 3 UCLA websites owned by the StratComm Team, such as ucla.edu, with 11,300 daily site visitors by maintaining and updating website information using **HTML**, **CSS** and **Javascript**.
- Analyzed and identified user pain points with dataset collected by StratComm's 2022 Design and Development Resources Survey.
- Created an 11-page report with strategies to increase user awareness on StratComm's digital resources for 950+ users.

PROJECTS

Yumma [devpost] **– TreeHacks 2023** *"Best Hack to Connect with Others Through Food"*   February 2023
- Developed a cultural recipe platform using **React**, **CSS**, and **Convex** to facilitate the sharing of traditional recipes and link cultural dishes and heartfelt stories from immigrant parents to AAPI Gen Z.
- Implemented interactive modal structure for submitting recipes and handling data transactions with backend datasets using **Convex**.

Personal Website [link]   June 2022 – August 2023
- Designed and developed a "notebook-style" personal website featuring unique pages and navigation bar using **React**, **HTML**, **JavaScript**, and **CSS**.
- Mapped through a **JSON** object filled with pages' content to format and present the corresponding content to each page.