



Joyce S. Luong

Software Engineer

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- 🐍 Python
- 🔗 HTML/CSS
- 🔥 Javascript
- ☕ Java
- 📊 SQL
- 🤖 Android
- 💎 Figma
- 🎨 Photoshop
- 🖼️ Illustration

University of California, Berkeley (May 2019)

- Bachelor's in Computer Science; GPA 3.54

Amazon, Software Development Intern (Summer 2018)

- Designed and implemented an internal tool and API that maps vague search terms (e.g. "healthy", "brunch", "vegan", "quick") to recipe search results based on properties such as ingredients and prep time.
Built with **HTML/CSS, JS, Java, and DynamoDB**.
- Completed initial requirements **4 weeks ahead of schedule**, and used remaining time to convert the project into a framework for other internal tools.
Helped first consumer quickly build a new tool to format and validate data scraped from recipe websites.
- Tool allowed custom search results to be displayed for the queries with the highest bounce rates on Alexa.

Yelp, Software Engineering Intern (Spring 2018)

- **Inherited an at-risk project from a full-time engineer** to create a new API with **Python** that renders one of the five main tabs of the mobile app.
- Wrote a comprehensive technical and product spec, gathered feedback and alignment from **senior engineers**, and implemented the resulting design with **minimal guidance**.
- **With millions of queries each month**, the new modular design drastically improved extensibility and allowed dynamic delivery and takeout suggestions (e.g. hot soup on a rainy day).

CalNourish (2018)

- Collaborated with the UC Berkeley Food Pantry to design and implement a **web and Android app** that allows users view the pantry's real time inventory.
- The completed prototypes **sped up check-out time by 50%**, empowered organizers with data required to request for more grants.