

# NICHOLAS K. UNG

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## SUMMARY

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Full-stack software engineer with experience in consulting, technical support, and customer service. Seeking a collaborative team role to help a company achieve its goals.

## EXPERIENCE

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### Web Developer, Volunteer

May 2023 – Present

Infinite Lifestyle Solutions ([www.infinitelifestylesolutions.org](http://www.infinitelifestylesolutions.org)): website for non-profit organization

Remote

- Collaborated with the client to understand their business needs and translated them into a functional and visually appealing website.
- Conducted user testing to identify and resolve usability issues, resulting in a 90% satisfaction rate among website visitors.

### Software Engineer, Volunteer

Mar 2023 – Present

PolicyEngine

Remote

- Implemented responsive design principles to enhance frontend architecture of the app, leading to a 15% increase in user engagement.
- Enabled over 3000 users to visualize impact of policy reforms by deploying a tax-benefit model, API endpoint, and React-based UI.

### Dental Assistant

Aug 2021 – Jun 2022

Arase Family Dentistry

Arcadia, CA

- Performed over 60 accurate dental x-rays per week, freeing up time for the dentist to complete critical administrative tasks.
- Reduced time needed to update patient records and schedule appointments 30% by overhauling office clerical procedures.

### Undergraduate Researcher

Dec 2019 – Jun 2021

Backus Biochemistry Research Lab at UCLA

Los Angeles, CA

- Engineered scripts to transform raw proteogenomic data into readable graphs that characterized predicted protein sequences.
- Automated lab data-processing pipelines with Python scripting, improving efficiency by 50%, which reduced researcher workloads.
- Conceptualized and created a logo with Canva that was selected by the principal investigator for our website and team apparel.

### Learning Center Consultant

Jun 2018 – Jun 2020

UCLA Residential Life

Los Angeles, CA

- Supervised a team which maintained cloud-based printers and resolved more than 300 technical issues reported by students.
- Recruited 10 tech companies to join our campus-wide “Tech Week.” Coordinated an in-person fair that allowed students to interact with each company’s newest technologies. Oversaw social media promotion for the event, resulting in a 30% increase in attendance.

## PROJECTS

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**FleaFlickr** | Tech Stack: Java, Spring Boot, Javascript, MySQL, Bootstrap, HTML, CSS, AWS EC2

[GitHub](#)

*Issue Tracking and Project Management Web App*

- Developed a robust end-to-end application with OOP principles, implementing CRUD actions for projects and tickets.
- Participated in Agile development methodologies, including daily standups, sprint planning, and retrospectives.

**Chow Counter** | Tech Stack: Javascript, React, Express, Tailwind, Node.js, AWS EC2

[GitHub](#)

*Calorie-Tracking App with tools to discover restaurants and recipes*

- Integrated the Yelp and Spoonacular APIs, allowing users to easily discover new restaurants & recipes.
- Leveraged scalability, reliability, and flexibility of AWS to deploy the application to an EC2 instance by using SSH, securely transferring files, installing dependencies, and configuring the environment for successful execution.
- Enhanced user experience with responsive web design, generating a 98 Performance rating on Google PageSpeed Insights.

## EDUCATION

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**Coding Dojo** | Full-stack Developer Certificate in Python, Java and MERN

Feb 2023

**University of California, Los Angeles (UCLA)**

Bachelor of Science (B.S.) in Molecular, Cell and Developmental Biology, Specialization in Computing

Jun 2021

- **GPA:** 3.7/4.0 | **Coursework:** Advanced Programming in C++, Intro to Python, Biomodelling Basics, Digital Imaging & Processing
- **Honors:** Dean’s Honor List, Club Sports Scholar Athlete, National Merit Scholar Finalist

## SKILLS

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**Languages:** Javascript, Python, Java, HTML, CSS, SQL, C++ | **Frameworks/Libraries:** React, Flask, Node.js/Express, Spring

**Databases:** MySQL, MongoDB | **Tools:** AWS EC2, JSON, Git, Tailwind, Bootstrap, MySQL Workbench, Mongoose, Trello, Jira

## HOBBIES & INTERESTS

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Marathons, Triathlons, UCLA Dragon Boat Team, Volunteering, Eagle Scout