Edgar Lee

Full Stack Software Engineer

Results-driven Full-Stack Software Engineer with a strong medical background as a certified EMT and medical scribe from USC & UCLA. Passionate about building user-oriented web applications and leveraging medical expertise to create innovative healthcare solutions. Collaborative individual with experience in both the medical and tech industries. Seeking opportunities to combine technical skills and medical knowledge in impactful projects.

EDUCATION

App Academy   Apr 2022 - Oct 2022
- 1000+ hrs immersive software development course with a focus on full stack web development and 300+ hrs paired programming

University of California, Irvine
Aug 2019 - May 2021
B.S. Public Health Science, Deans Honor List

SKILLS

Programming Languages: JavaScript, Python, Java

Development Tools: Visual Studio Code, Git, Github, Figma

Web Development: HTML, CSS, React, Redux, Next.js, SQL, Node.js, Express.js, Flask, Sequelize, MUI, Tailwind, PostGres

Certifications: App Academy's SWE course, freeCodeCamp's JS Algorithms and Data Structures, Harvard's CS50

CONTACT

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Linkedin
Github
Portfolio

ADDITIONAL INFORMATION

Awards: Osher Initiative Scholarship, United Taishan Association Scholarship, Deans Honor Roll, Top 10% Valorant Rank

Extracurriculars/Activities: Competitive Badminton, Bodybuilding, Calisthenics, Hiking, Valorant, Krnb/Kpop

EXPERIENCE

Full Stack Software Engineer intern
Raidon Inc,   *May 2023 - Present*
- Crafted and delivered Real Estate web applications for clients using Next.js, Express.js, Tailwind, and MUI, ensuring seamless database connectivity and integrating user-focused features across 100+ properties
- Collaborated extensively with UX designers and senior engineers throughout the development lifecycle, actively contributing to design, implementation, figma designs, and debugging of RESTful API-based web applications
- Championed test-driven development (TDD) approaches to consistently produce scalable, dependable code, collaborating with multiple senior engineers to amplify features for seamless integration into production
- Applied agile methodologies, SCRUM frameworks, and SEO optimization for streamlined project management and punctual deliverables

PROJECTS

Pear & Lotus | (React / Redux, Python, Flask, SQLAlchemy, Alembic, JSX, HTML, CSS3)   Live Site | Github
A full-stack skincare web application inspired by Peach & Lily   *Aug 2022 - Oct 2022*
- Introduced MVP features for products/reviews with categories, enabling full CRUD capabilities to enrich user shopping experiences
- Established user authorization routes to grant specific features to authorized users, securing accounts through CSRF middleware protection
- Engineered a database schema to enhance coding efficiency and relationship organization via PostgreSQL, leading to a 21% drop in code conflicts

NotYelp! | (React / Redux, Python, Flask, SQLAlchemy, Alembic, JSX, HTML, CSS3, AWS S3)   Live Site | Github
A full-stack food web application inspired by Yelp   *Sep 2022 - Aug 2022*
- Collaborated seamlessly with cross-functional teams to conceptualize, design, and engineer a feature-rich restaurant review platform
- Devised and executed an advanced user authentication and session management system using Redux, amplifying user interactions and personalized experiences
- Engineered a customized search filter feature linked with RESTful API endpoints, streamlining user navigation and ensuring intuitive business discovery
- Integrated Amazon Web Services (AWS) S3 for efficient storage of 100+ image files associated with businesses and menu items, boosting application performance and scalability