

KEENLY CHUNG

full-stack software engineer

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SKILLS

- TECHNICAL** JavaScript (ES6), React, Redux, Express, Sequelize, PostgreSQL, SQL, MongoDB, Mongoose, Node.js, React Native
TypeScript, HTML, CSS, Python, Flask, SQLAlchemy, C#, Amazon Web Services S3, Shopify Liquid, Playwright, Cypress
- KEY SKILLS** Object-Oriented Programming, Agile Development, Pair Programming, Test-Driven Development, Scrum Methodology
- CREATIVE** User Experience Design (UX), User Interface Design (UI), Figma, Adobe Photoshop, Adobe Illustrator, Procreate

EXPERIENCE

SOFTWARE DEVELOPER INTERN » [Rubbish](#) Feb 2024 - Current

- Revamp the frontend of the QR code management dashboard with React and MaterialUI, enabling organizations to efficiently monitor and manage bin-related issues, team activities, and data insights for improved waste management practices.
- Establish automated test suite using Playwright, ensuring comprehensive browser support and robust testing capabilities.

COMPUTER SCIENCE AI TRAINER » [ScaleAI](#) June 2023 - June 2024

- Evaluate AI responses for correctness, truthfulness, and safety, providing detailed assessments for continuous model improvement.
- Ensure AI content safety and reliability through in-depth response analysis and refining models.

WEB DEVELOPER » [Lyon Loans](#) (Contract) Feb 2024 - March 2024

- Designed and developed a responsive website, using modern design principles and ensuring compatibility across different devices.

LEAD SOFTWARE DEVELOPER, UX/UI DESIGNER » [Peachy Press-ons](#) (Contract) July 2023 - Aug 2023

- Crafted a custom Shopify theme with Shopify Liquid, replacing the existing Google Form solution with a more robust online storefront.
- Boosted customer engagement with user-centered UI/UX enhancements, yielding a 70% increase in interaction and conversion rates.
- Converted conceptual ideas into tangible Figma designs, streamlining the process and facilitating effective stakeholder communication.
- Employed Shopify integrations to enhance functionality and enrich the user experience, reinforcing the online shop as customer-centric.

PROJECTS

RecycleGPT » [OpenAI Vision / TailwindCSS / Firebase](#) » **Best Bootstrapped Org Award, GenLab Hackathon III** [Github](#) › [Live](#)

- Designed and integrated sustainability metrics from the EPA's iWARM tool into a user interface using D3.js to create a dynamic donut chart, allowing users to track the environmental impact of their recycling efforts, including carbon offset and energy savings.
- Devised a conceptual point system based on users' recycling activities for planned future partnerships with airlines, hotels, and credit card companies to enable points to be transferred to their rewards programs, aiming to incentivize sustainable behavior.

DAILY MOO'D » [React / Redux / Express / Sequelize / PostgreSQL / AWS S3](#) [Github](#) › [Live](#)

- Configured AWS S3 for secure and efficient user image uploads, enhancing user experience with streamlined image management.
- Integrated Chart.js chart components to generate dynamic data visualizations and track monthly user mood statistics, providing users with a more visually appealing and insightful way to track their mood.
- Leveraged the power of the react-beautiful-dnd library to enable task block customization through drag and drop functionality, empowering users to easily manage their tasks according to their unique preferences.

DATCORD » [Python / Flask / SQLAlchemy / PostgreSQL / React / Redux / Socket.io](#) [Github](#) › [Live](#)

- Implemented Socket.io's library to facilitate real-time messaging between users, including features such as event-based messaging and room management for targeted messaging to specific users and groups.
- Collaborated with 3 developers, using Git's feature branch workflow to prevent merge conflicts and ensure a seamless user experience.
- Employed Agile methodology to manage and prioritize project tasks, ensuring timely delivery of all features.

EDUCATION

APP ACADEMY » [Software Engineering Track: Full-Time Online](#) Sept 2022 - Mar 2023

- Full-stack web development bootcamp prioritizing software engineering best practices.

University of California, Irvine » [Bachelor of Science in Pharmaceutical Sciences](#) Sept 2012 - Jun 2016