VICTORIA LO

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LANGUAGES AND TECHNOLOGIES

- **Proficient:** HTML5, CSS3, JavaScript, React, Redux, Typescript/Flow, Ruby on Rails, Python, Git, Enzyme, Cypress
- **Exposure:** D3.js, Three.js, Immutable, Next.js, Tailwind, Vite, R, Go, Java, SQL, Cypher, Postgres, Redis, AWS, Figma

PROFESSIONAL EXPERIENCE

Freelance | Lead Software Engineer (Contract) | San Francisco, CA   May 2024 - current
- Worked directly with founder clients to understand their needs and create their MVPs/proof of concepts using React

Microbyre | Lead UI/UX Software Engineer | Berkeley, CA   December 2022 - April 2023
- Designed web platform for scientists to manage research data and streamline automation using React and Typescript on Vite with Python (Flask) backend with Cypher, updated from a static vanilla JS/jQuery site
- Automated data validation in Airtable via Javascript scripts, improving user scientist efficiency & eliminating errors
- Conducted user interviews to ensure scientist users' needs were being efficiently addressed

Snorkel AI | Front-End Software Engineer | Redwood City, CA   June 2021 - July 2022
- Worked as part of the User Experience Engineering team, which owned front-end across the company, to build and improve an auto-labeling machine learning platform built in React, Typescript, Tailwind, Next.js, and Python.
- Led and executed a foundational design system project to modularize front-end components with accessibility in mind, which was then used to redesign and re-implement a new internal platform.
- Created extensive Cypress end-to-end tests to trace crucial foundational demo testing paths to detect regressions before merging, significantly reducing regressions, especially during demos.
- Implemented front-end of a highly-requested crucial new multi-tenant feature, which led directly to multiple new enterprise client contracts. Worked collaboratively cross-team with backend.

Yelp Inc. | Senior Full-Stack Software Engineer | San Francisco, CA   September 2019 - April 2020
- Built and iterated quickly on an experimental web application built in React and Python as part of the Market Fit team.
- Worked cross-functionally with the designer and product manager to achieve pixel-perfect consensus on all features.
- Maintained 100% test coverage with Enzyme framework.
- Introduced & implemented a new library to build a new front-end feature that tripled purchases (215-766% increase).
- Advocated more robust code and error tracing beyond on-call duties, leading to an improved end user experience.

Cruise Automation | Full-Stack Software Engineer | San Francisco, CA   December 2017 - May 2019
- Maintained, created, and updated tools international contractors used to label data from self-driving cars on the Ground Truth team, using React, Redux, Flow, Three.js, Immutable, and Go, among other tools and technologies.
- Owned high-priority user interface needs and collaborated daily with the Operations team to prioritize needs directly requested from users, ultimately improving costs per task from 20% to 11% in one quarter.
- Led & presented a winning team hackathon project to discover, pinpoint, and address the most pressing needs of labelers, creating and deploying a semi-automated tool improvement that boosted production from labelers by 50%.
- Created, presented, & demoed a popular, "most engaging" hackathon project that cleverly reduced contractor costs.
- Presented a well-received tech talk at University of Waterloo about Ground Truth.

WRKSHP | Server (Backend) Software Engineer | San Francisco, CA   March 2016 - December 2017
- Built out Battle Camp & Beat Fever, 2 mobile games with up to 1 million unique users daily and 2 million monthly, using Ruby on Rails, DynamoDB, SQS, S3, Redis, Redshift, memcached on EC2, including API work with mobile eng.
- Overhauled company website and managed/reviewed contracted developers' work to build the company website.

SIDE PROJECTS

TrellNo | Solo Developer | https://trellno.netlify.app/   July 2020 - present
- Developed a web app and Chrome extension, written with React, that mimics Trello, including drag-and-drop cards, dark mode toggle, custom color columns, and local storage save with import and export, then modified the project to be used as a local Chrome New Tab extension. Open-sourced the project. Published on Chrome Store.
- Ideated, planned, created, and deployed the entire project, with live suggestions from viewers on Twitch stream.

ONLINE COMMUNITY

Rially Mundane (Twitch) | Streamer & Content Creator | https://ria.codes   April 2020 - March 2021
- Live-streamed technical problem-solving, coding challenges, project-building, and technical and non-technical discussions 4-5 nights/week on Twitch to 2.2k followers, with an engaged audience of up to several hundred nightly.
- Managed linked active Discord server, Instagram, and Twitter accounts to grow social media presence & community.
- Approached by Microsoft Azure for a content creator collaboration.

Science Network (Discord) | Moderator | http://discordnetwork.com   July 2017 - present
- Moderated and managed 6 STEM Discord servers, including an artificial intelligence server with 21.7k members and a computer science server with 6.2k members.

Subtle Asians - Bae Area (Facebook) | Founder & Admin | http://subtleasiansbaearea.com   December 2018 - present
- Founded and grew an Asian-American Facebook community for the San Francisco Bay Area to 13.6k members with frequent meetups and dozens of active Messenger group chats with up to thousands of messages/chat/day.
- Established moderation policies and grew moderation team to handle both online and offline (meetup) disputes

INH Babes (Facebook) | Moderator | https://www.facebook.com/groups/inhbabes   April 2023 - present
- Elected by popular vote to manage the official community of the Insert Name Here hair brand of 14.3k active fans
- Drove engagement with monthly post challenges and content, and served as liaison between company & users

CONVENTIONS/OFFLINE EVENTS

More Than Models | Brand Ambassador | San Francisco, CA   April 2024 - current
- Represent client company at experiential RSA tech convention booth, attracting potential customers to the brand.
- Brought high energy and smiles to guests' faces via games, prizes, and a fun experience!

Ace the Event | On-Site Support | San Francisco, CA   April 2024 - current
- Assist with fundraising gala registration/check-ins, live auctions, checkout, and any other needs during the gala.
- Bring positive energy and professionalism to formal events while ensuring guests' needs or questions are handled.

Elevate Staffing | Brand Ambassador | San Francisco, CA   September 2023 - current
- Represent clients by providing convention guests with excellent service, bringing back repeat guests
- Register/check-in guests, handle coat check, and ensure guests' needs or questions are taken care of.

Fanime Convention | Convention Staff | San Jose, CA   May 2023 - current
- Serve and entertain convention guests at the convention's themed cafe, following a strict protocol and uniform.
- Proactively assist with event logistics as needed, ensuring a smooth, pleasant experience for guests & other staff.
- Mentor new event staff by providing training and support before and during shifts.

Ground Truth at Cruise | University of Waterloo   May 2019
- Presented well-received, engaging tech talk with coworkers (1 hour total) about Ground Truth and the Cruise Ground Truth team at the University of Waterloo to an audience of about 60 prospective hires.

EDUCATION

University of California, Berkeley   August 2011 - December 2015
Bachelor of Arts in Integrative Biology with Minor in Computer Science

More work history available upon request.