

ELLE SZABO

[PORTFOLIO](#) | [EMAIL](#) | [GITHUB](#) | [LINKEDIN](#)

(614) 302-6552 | U.S. CITIZEN

EXPERIENCE

Dripos

2024 - 2025

Software Engineer II — Fintech (Full-Stack, TypeScript)

- Maintained core features — including accounting, capital loans, and payroll — using a full-stack **TypeScript** codebase with **Node.js**, **AWS RDS**, **Redshift**, **Redis** and **MongoDB**, backend and **React** frontend
- Developed intuitive 0 -> 1 full-stack payroll features, collaborating with design and support teams to achieve a 44% attach rate and 100%+ **NRR**
- Diagnosed and resolved critical bugs in the payout system, enabling asynchronous transfers of ~2MM daily
- Contributed **#2** most lines of code to organization of all time

Lucendo Labs, Inc.

2023 - 2024

Co-Founder and CTO

- Successfully raised angel round, led design and development of a travel marketplace app startup
- Led design and development of application with **Typescript** frontend and **Node.js** backend

Microsoft

2021

Software Engineer Intern

Redmond, WA

- Developed a proof-of-concept search indexing [process](#) for Windows operating system

NASA Jet Propulsion Laboratory

2020

Software Engineer Intern

Pasadena, CA

- Improved a computer vision pipeline with ROS and Gazebo for an autonomous inspection rover

EDUCATION

University of Southern California

Los Angeles, CA

B.S. in Computer Science, Major GPA: 3.9/4.0

PROJECTS

Personal Portfolio Website

- Built a fully responsive portfolio website using **Next.js** and **TypeScript**, hosted in Vercel
- Styled with **Tailwind CSS** and UI built using **shadcn/ui** component library for rapid development and consistent design system
- Implemented smooth carousels using **Embla Carousel**, and interactive animations using **Framer Motion** for enhanced user experience

PUBLICATIONS

E. Szabo, Anwar, A., R. Gupta, and J. Thomason. "Exploring Strategies for Efficient Real-World VLN Evaluation". In: 2nd Workshop on Language and Robot Learning: Language as Grounding. 2023. url: <https://openreview.net/forum?id=uABEHp6tjy>

AWARDS

Presidential and University Scholarship Recipient

University of Southern California

- One of 200 chosen out of 64,000 applicants for a half-tuition merit scholarship plus \$4000 award

National Merit Scholar

National Merit Scholarship Corporation

- \$2500 scholarship for top 0.5% of 1.6 million for ability in mathematics problem-solving, reading, and writing

SKILLS

Languages: Typescript, Python, Javascript, C/C++, SQL, Java, Kotlin, Swift, Go, HTML/CSS, etc.

Platforms/Tools: React, AWS, Postgres, TailwindCSS, MySQL, Node.JS, Vercel, Redis, Express

For demos of my projects, please visit my [Portfolio](#).