

ELLE SZABO

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

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

EXPERIENCE

Dripos

2024 - 2025

Software Engineer II

- Collaborated with customer facing and design teams to iterate on intuitive UI/UX for payroll, driving 44% attach rate, collaborating with [Check](#)
- Integrated Parafin capital loans into the Dripos ecosystem, improving revshare by 50%
- Led payout architecture improvements, enabling the seamless transfer of ~2MM per day
- Developed and launched accounting feature from 0 to 1, collaborating with [Layer](#)

Lucendo Labs, Inc.

2023 - 2024

Co-Founder and CTO

- Led design and development of cross platform application in Typescript and Node.js
- Hired team of 6, recruiting top candidates from NYU, UCI, Columbia, etc.

Microsoft

2021

Software Engineer Intern

Redmond, WA

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

NASA Jet Propulsion Laboratory

2020

Software Engineer Intern

Pasadena, CA

- Built a simulation pipeline with computer vision for an autonomous inspection rover

EDUCATION

University of Southern California

Los Angeles, CA

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

May 2023

PROJECTS

Research Assistant at GLAMOR Lab

Aug 2022 – May 2023

- Conducted CoRL-aimed research on sim-to-real gap for robotic navigation with **language** and vision inputs

Research Assistant at ICAROS Lab

- Main contributor to PyRibs, a Python library for exploring latent space of machine learning models

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

2nd Skills in World, Think Award

2022 VEX Robotics World Championship

- As programming lead on team of 5, scored 2nd of universities' top 72 teams in skills
- Earned Think award for innovative use of autonomous optical scoring sensor

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

Hobbies: Running, reading, pilates, tennis, chess, volunteering

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