

# ELLE SZABO

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

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

## EXPERIENCE

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### Dripos

2024 - 2025

*Software Engineer II*

- Collaborated with customer facing and design teams to iterate on intuitive UI/UX for payroll features, driving a 44% attach rate and >100 NRR
- Integrated Parafin capital loans into the Dripos ecosystem, improving revshare by 50%
- Fixed fatal bugs in payouts, enabling the seamless asynchronous transfer of ~2MM per day
- Contributed #2 most lines of code to organization

### Lucendo Labs, Inc.

2023 - 2024

*Co-Founder and CTO*

- Led design and development of Flutter application, published on Google Play and App Stores, a web app, and custom made React.js company site

### 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*

- Built a simulation and analysis pipeline with ROS and Gazebo for an autonomous inspection rover

## EDUCATION

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### University of Southern California

Los Angeles, CA

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

*May 2023*

## PROJECTS

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### iOS Rental Application

Dec 2020 – Present

- Designed and developed Citibike-esque rental application in Swift using UIKit
- Implemented backend with Heroku, map with Google API, and checkout with Stripe APIS

## PUBLICATIONS

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**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

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### 2nd Skills in World, Think Award

*2022 VEX Robotics World Championship*

- As programming lead on team of 5, scored 2<sup>nd</sup> 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

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**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](#).