

# ELLE SZABO

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## EXPERIENCE

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### Dripops

Sept 2024 - Jul 2025

*Software Engineer II*

*New York, New York*

- Developed the fullstack accounting product from 0-1, collaborating with executives at Layer Financial
- Integrated Parafin capital loans into the Dripops ecosystem, improving revenue share by 50%
- Collaborated with customer facing and design teams to iterate on intuitive UI/UX for payroll features, driving a 44% attach rate and >100 NRR

### Lucendo Labs, Inc.

May 2023 - Sept 2024

*Co-Founder and CEO*

*New York, New York*

- Successfully raised angel round, led design and development of a travel marketplace app startup
- 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

May 2021 - July 2021

*Software Engineer Intern*

*Redmond, WA*

- Developed a proof-of-concept search indexing process for Windows operating system as a sophomore

## 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*

Activities: Treasurer at VEX Robotics USC (Managed over 10k in budget), Club Track (Participant)

## 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

### Stock Trading Bot

Aug 2022 – Present

- Developed a random forest approach to predicting the buy / sell windows of APPL stock with 95% accuracy
- Used pandas dataframe to structure the raw csv historical data

### Twitch Chat Sentiment Analysis

Feb 2022

- Developed a chrome extension for HackSC that scrapes Twitch chat data and visualizes sentiment in real time
- Connected nltk sentiment library via socketing to browser client

## PUBLICATIONS

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Anwar, A., R. Gupta, E. Szabo, 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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### 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, Go, Javascript, Python, SQL, Java, Kotlin, Swift, HTML/CSS, etc.

**Platforms/Tools:** React, AWS, Google Analytics, Postgres, MySQL, Node.JS, Express, React Native, XCode, etc.

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