ELLE SZABO
[WEBSITE](#) | [EMAIL](#) | [GITHUB](#) | [LINKEDIN](#)

EDUCATION

University of Southern California — Los Angeles, CA
B.S. in Computer Science, Major GPA: 3.9/4.0 — *May 2023*

EXPERIENCE

Dripos — 2024 - 2025
Software Engineer II — *New York, New York*
- Collaborated with customer facing teams to iterate on intuitive UI/UX for payroll features, driving a 44% attach rate and 100 NRR
- Proactively fixed frontend bugs in complex financial reports, improving user trust across platforms
- Improved accuracy and performance of sales reports by caching Redshift data and gaining clarity into the business use case

Otea — 2023 - 2024
Co-Founder and CEO — *New York, New York*
- Co-Founded a marketplace app company, raised an angel round from investors and led 11 partnerships across the NYC
- Led design and development a fullstack app in Flutter for Android, iOS, and web using Firebase as the backend
- Recruited and led a team of 6 across engineering, design, and marketing

Microsoft — 2021
Software Engineer Intern — *Redmond, WA*
- Demoed proof-of-concept search indexing process to stakeholders and led adoption into the Windows 11 release

NASA Jet Propulsion Laboratory — 2020
Software Engineer Intern — *Pasadena, CA*
- Built a SLAM pipeline with ROS and Gazebo for an autonomous 4-wheeled inspection rover

Totall Metal Recycling | *Java, Swing, Eclipse, Python* — 2019
Software Engineer Intern — *Santa Monica, CA*
- Used Java to develop fullstack web applications for employees using a relational SQL database and demoed to the CEO

PUBLICATIONS

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

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

TECHNICAL SKILLS

Languages: Dart, Typescript, Javascript, Python, C/C++, SQL, Java, Kotlin, Swift, HTML/CSS, etc.
Platforms/Tools: Flutter, React, AWS, Google Analytics, Postgres, MySQL, Prisma, Sequelize, Jetbrains Datagrip, TailwindCSS, ChakraUI, Node.JS, Flutter, React Native, XCode, Pytorch, Keras, Notion, Command Line, Cursor, Tensorflow, MacOS/Linux
Hobbies: Reading, pilates, volunteering, chess, tennis

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