Lucas Kellar

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Education

University of Michigan **Ann Arbor, MI** **August 2022 – April 2025**

- Pursuing a BSE in Computer Science at the College of Engineering

Experience

Software Engineering Intern, SupplyPike **Fayetteville, AR** **November 2017 – August 2018**
January 2020 – August 2022
March 2023 - August 2023

- Developed 40+ Shipping Document Integrations for 3rd party carriers
- Added numerous customer facing features to a Retail Analytics/ Deductions Disputing platform
- Created an automatic customer onboarding/backfilling service, saving other engineers and customer service staff from manual onboards or information updates
- Helped bootstrap a deduction disputing platform for a new retailer, primarily focusing on data scraping.
- Maintained several internal browser extensions and web tools used by the sales team to more efficiently discover and track customer leads
- Worked with several different product teams concurrently, contributing to planning sessions, and spearheading many Quality of Life initiatives

Skills

- **Programming Languages**: Javascript, Typescript, Python, Swift, C++, HTML, CSS
- **Frameworks**: React, SwiftUI, Flask, Express, Koa, Nest.js, BullMQ
- **Developer Tools/Services**: Docker, Git, MongoDB, PostgresSQL, RabbitMQ, Redis

Projects

- **Ultimate Tic Tac Toe** (uttt.lkellar.org) Online multiplayer Ultimate Tic Tac Toe game built with Typescript, React, and SockJS
- **Trips - Packing List Manager** (lkellar.org/trips) Simple SwiftUI Packing List App for iOS/iPadOS
- **Keyboard Shortcuts for Kahoot** (lkellar.org/kahoot) Web Extension for Chrome/Firefox/Safari enhancing the educational game/tool Kahoot. Featured in the Mac App Store's *Best Safari Extensions* collection
- **Neptune** (github.com/lkellar/Neptune) SwiftUI Graphing Calculator Prototype for macOS. Uses a custom-built math engine to parse equations and efficiently calculate and display their values.

Awards

- **1st Place 2020 & 2021 Arkansas All-State Coding Competition** May 2020/2021
- **2nd Place 2022 Arkansas All-State Coding Competition** April 2022
- **1st Place 2019 JB Hunt Hackathon** October 2019
- **2nd Place 2021 Fall JB Hunt Hackathon** November 2022
- **1st Place 2019 Congressional App Challenge - AR-3** January 2020
- **National Merit Finalist** February 2022
- **Arkansas CS Student of Distinction** August 2021
- **Arkansas Scholastic Honor Student** May 2022