Samuel Bechar

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EDUCATION

University of Michigan - College of Engineering | Ann Arbor, MI   **Graduation date: 2025**
BSE Computer Science | Minor Economics   **GPA: 3.71/4.0**

WORK EXPERIENCE

Rubrik, Palo Alto   **May 2024 - August 2024**
Software Engineering Intern
- Developed a more complete multiple approval feature (Quorum Authorization) from a basic two-person rule to support multiple approvers, improving security for potentially destructive actions within Rubrik Security Cloud.
- Built full-stack Quorum Authorization feature using Go and Scala for backend, GraphQL and React for frontend, and Python for scripting tasks.
- Presented the enhanced feature to leadership, emphasizing its creation in response to federal customer requests, and handed the feature off for production release.

Ally Financial, Detroit   **May 2023 - August 2023**
Mobile Software Developer Engineer Intern
- Created reusable UI components for internal design system using SwiftUI and React Native. This led to a more streamlined development process as well as standardized app design
- Spearheaded a comprehensive research project outlining recommendations for ways to improve Ally's mobile developer onboarding process and experience. Presented findings to executive leadership

Avicenna Medical Systems, Ann Arbor   **May 2022 - November 2022**
iOS App Development Intern
- Developed remote patient monitoring iOS application using health data collected through patient's smart phone/watch
- Worked with company CEO, Head of Marketing, and backend developer to develop and pitch the product to clinics
- Leveraged Apple's Healthkit to collect data, using two-factor authentication and patient consent for privacy/security

PROJECTS

Blitz Mobile App   **May 2023 - August 2024**
- Application that helps users find nearby restaurants by swiping on restaurant cards with friends. This solves the problem of figuring out where to eat especially with a significant other or group of friends (tinder for restaurants)
- Used Yelp API to filter/return restaurants and stored game information in a Firebase Firestore database
- Cloud function capabilities implemented with NodeJS to check for when all users match on a specific restaurant

Lux Picnics Ann Arbor *(Co-Founder)*   **April 2022-Present**
- Founded a Luxury Pop-up Picnic service for anniversaries, dates, and birthday parties. Oversaw business development which led to a profitable company actively servicing clients throughout spring, summer, and fall
- Advertised online and in person at local parks, eventually being featured on Local 4 News' *Live in the D*.

SKILLS AND ACTIVITIES

Languages / Tech Stack: Swift, C++, Node js, Python, HTML, CSS, JS, React, Golang, Scala, GraphQL, Firebase
Activities: Men's Club Water Polo, Entrepreneur Power Hour, StartUM Entrepreneurship Club
Languages: Spanish (Native Speaker), French (Proficient)