

ARVI HAXHILLARI

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EXPERIENCE

iOS Software Engineer – nCino, Inc.

Internship | Summer 2023 | Lehi, UT

- Refactored the tasks dashboard design and functionality used by over 10M Borrowers and 47K Loan Officers
- Enhanced the loan application process used in over 7.8M applications, affecting 1 in 4 U.S. mortgage loans daily
- Allocated 15% of my time to product health and support tickets, identifying bugs, improving performance, and maintaining feature flag compliance to white-label the app to over 145K of our Real Estate Partners

HCI/UX Researcher – Social Technology and Privacy Lab (BYU)

Sept 2021 - May 2023 | Provo, UT

- Improving social media usability to promote inclusion among individuals with ASD, contributing to the expansion of research in the intersection of technology, accessibility, and neurodiversity
- Led 3 privacy-related projects focused on building social media prototypes with our redesigned features to conduct over 25 user testing sessions and present our findings to our connections at Meta
- **Awards:** Student Research Conference Winner (2022)

Full-Stack Software Engineer – Downtown Provo Inc.

Summer 2021 | Provo, UT

- Improved the user experience of the Downtown Provo website leading to a 34% surge in website traffic and a 15% decrease in user session bounce rates
- Introduced new functionality to support Mailchimp services resulting in a 20% increase in newsletter subscriptions
- Integrated an event calendar to promote events happening downtown to over 10k of our subscribers

EDUCATION

Brigham Young University – Class of 2025

- **Major:** B.S. Computer Science
- **Minors:** Entrepreneurship, Math

SOFTWARE SKILLS

- **Proficient in** Swift, Python, JavaScript, C++, Java, SwiftUI
- **Worked with** Node.js, React, Vue.js, MongoDB, Express, Ruby, JQuery, GraphQL, AWS, Selenium, C, RESTful, JUnit
- **Interests:** Blockchain, Artificial Intelligence, iOS dev., HCI

HACKATHONS

Hackathon X – SimpleNexus, an nCino company

Aug 2023 | Lehi, UT

- Built a fully functional iPad prototype of the SimpleNexus mobile app with 3 other iOS engineers and presented the project to the nCino management team showcasing the seamless integration of the app's core features

Y-Hack – Brigham Young University

Mar 2023 | Provo, UT

- Won "Best Use of Theme" for building a web application that pulled data from 7 REST APIs and allowed users to connect with their cultural roots by exploring art, music, and local cuisine from their places of origin

PROJECTS

- **Facebook Data Scraper** – Pull data from Facebook profiles to create 5 working prototypes and conduct over 25 user testing sessions with our redesigned social media features
- **Lexical Analysis and Parsing** – Analyze the lexical structure of large datasets, parsing strings into tokens, and generating abstract syntax trees to improve big data analysis efficiency by over 30%
- **Family Map Android App** – Client/server architecture using a Java and SQLite-based server responsible for user authentication and data retrieval with a 40% data synchronization performance improvement

ORGANIZATIONS

Association for Computing Machinery – Vice President

2022 - Present | UT

- Organized 20 weekly tech seminars, hosted the annual BYU Hackathon, and led 5 networking events with 30 tech recruiters, boosting career opportunities for over 125 active club members and officers

Creators_ – Developer

2022 - Present | UT

- Selected in the 2024 BYU SandBox program, a platform that allows students to launch a tech startup from scratch with a team of developers, designers, and product managers, while simultaneously earning college credit

FIRST Robotics Competition – President

2018 - 2022 | UT

- **Utah Valley Provotypes** – Team #6844. **Awards:** Rookie of the Year (2018), Utah Regional Winners (2022)
- Led the design, fabrication, and programming of 3 different FRC robots for our annual regional competitions in Utah