

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 4M Borrowers and 47K Loan Officers
- Enhanced the mobile experience for the loan application process used in over 7.8M applications
- Conducted thorough code reviews to identify bugs, optimize performance, and maintain feature flag compliance to white-label our app to over 145K of our Real Estate partners

HCI/UX Researcher – BYU Social Tech & Privacy Lab

Nov 2021 - May 2023 | Provo, UT

- Led various privacy-related projects, performed data collection and analysis, and conducted over 15 user testing sessions contributing to the expansion of research on enhancing the privacy of neurodiverse individuals
- **Awards:** Student Research Conference Session Winner (2022)

Full-Stack Web Developer – Downtown Provo Inc.

Summer 2021 | Provo, UT

- Improved user experience and functionality of the Downtown Provo website, leading to a 34% increase in website traffic, 15% decrease in bounce rate, and 20% annual growth in newsletter subscriptions

EDUCATION

Brigham Young University – Class of 2025

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

SOFTWARE SKILLS

- **Proficient in** Swift, SwiftUI, C++, Java, Python, JavaScript
- **Worked with** NodeJs, React, MongoDB, Express, JQuery, GraphQL, AWS, Selenium, RESTful, JUnit
- **Interests:** Blockchain, Artificial Intelligence, HCI, UI/UX

PROJECTS/HACKATHONS

Y-Hack – Association for Computing Machinery

BYU | Mar 2023 | UT

- Won “**Best Use of Theme**” building a web app that pulled data from 7 RESTful APIs and allowed users to connect with their cultural roots by exploring art, music, and local cuisine from their places of origin

Personal Projects

- **Family Map App** – Client/server architecture for a Family Map Android App, using a Java and SQL-Lite based server responsible for user authentication, data retrieval with a 40% performance improvement, and data sync
- **Facebook Data Scraper** – Scrape user FB profile data to create personalized prototypes and conduct over 15 user testing sessions with our redesigned social media features
- **Lexical Analysis and Parsing** – Program to analyze the lexical structure of text, parse tokens, and generate an AST, facilitating the processing of large datasets and contributing to a 30% improvement in data analysis efficiency

LEADERSHIP POSITIONS / OTHER

Association for Computing Machinery – Vice President

Aug 2022 - Present | UT

- Organized 20 weekly tech seminars, hosted multiple networking events, and led the annual BYU Hackathon, boosting opportunities for over 50 club members.

FIRST Robotics Competition – President

Oct 2018 - 2021 | UT

- **Utah Valley Provotypes** – Team #6844. **Awards:** Rookie of the Year (2018), Utah Regional Winners (2022)
- In charge of overseeing the design, build, and programming of 4 different innovative robots for annual FRC competitions while fostering collaboration and leadership within the team.

Other Involvement

- **BYU Creators** – Selected to participate in the 2024 SandBox program, providing a platform to work alongside a dynamic team to build and launch a tech product from scratch all while earning college credit
- **Competitive Programming Club** – Enhanced programming proficiency through active involvement with the team, participating in weekly meetings and competitions including the ICPC