

# ARVI HAXHILLARI

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## EXPERIENCE

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### HCI/UX Research Assistant – Social Technology and Privacy Lab

Nov 2021 - Present | UT

- Led various design and privacy-related projects, including user testing, prototyping, and data collection and analysis, contributing to the expansion of research on enhancing the privacy of neurodiverse individuals
- Successfully designed and executed the development of multiple projects, including a Facebook Bot Detector, a Messenger Availability Indicator, and a Prompt Generator, as part of the UX subteam

### Full-Stack Web Developer – Downtown Provo Inc

Summer 2022 | UT

- Improved the design of the new Downtown Provo website with the developer team at ProsperWalk to improve user experience and functionality
- Worked effectively within deadlines to deliver a high-quality website, successfully meeting the needs of both the client and end-users, resulting in increased website traffic and improved conversion rates

## EDUCATION

### Brigham Young University – Class of 2025

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

## SOFTWARE SKILLS

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

## PROJECTS/HACKATHONS

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### BYU SandBox – BYU Creators Program

Pending (Fall 23) | UT

- Selected to participate in the 2023 BYU 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

### Personal Projects

- **Facebook Data Scraper** – Created a python web scraper to gather information from Facebook users, enabling us to create personalized prototypes and conduct user testing with our redesigned social media features
- **Lexical Analysis and Parsing** – Developed a program to break down text into tokens, analyze their lexical structure, and parse them accurately to build an abstract syntax tree, creating efficient solutions for understanding big data
- **Personal Portfolio** – Designed and developed my personal website, **arvih.com**, showcasing my technical skills, projects, work experience, and professional involvement to potential employers and clients
- **BYU Y Hack** – Participated at the annual byu hackathon with a team of 5, bringing our ideas to life and networking with industry experts to gain valuable team experience and exposure to the latest developments in tech

## LEADERSHIP POSITIONS / OTHER

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### FIRST Robotics Competition – Team #6844: Provotypes

2018 - 2021 | UT

- Collaborated on the successful design, build, and programming of 3 different robots for the FIRST Robotics Competition. **Awards:** Rookie of the Year (2018), Regional Winners (2022)

### Other Involvement

2022 - Present | UT

- **Association for Computing Machinery (ACM) Club** – Staying informed with industry trends and advancements through weekly seminars/conferences and active participation in hackathons and networking events
- **Competitive Programming Club** – Enhanced programming proficiency through active involvement with the team, participating in weekly practices and competitions including the ICPC
- **Seminars, Conferences, and Speeches** – Presented at the BYU Student Research Conference and the ASSETS Conference. **Awards:** Student Research Conference Session Winner (2022)