ARVI HAXHILLARI

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EXPERIENCE

HCI Research Assistant – BYU STaPL   **Nov 2021 - Present | *UT***
- Created a python scraper, FB login page clone, and a chrome extension that detects FB bots, used to develop new Facebook UI prototypes to expand our research.
- Building alternative social media prototypes for neurodiverse groups - primarily those with ASD

Full-Stack Web Developer – **Downtown Provo Inc.**   **May 2022 - Present | *UT***
- Working with a team of developers (ProsperWalk) to build the new the Downtown Provo website

EDUCATION   ## LICENSES & CERTIFICATIONS

Brigham Young University

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

- Social and Behavioral Research Investigators
- CTE Skills Certificate in Web Development
  - Utah State Board of Education

SOFTWARE SKILLS

- **Languages**: C/C++, Java, Python, Assembly   **Frameworks:** JQuery, React, Bootstrap
- **Front-End:** HTML5, CSS3, Sass, JavaScript   **APIs:** Rest, Git, FB Graph
- **Back-End:** Node, MongoDB, Express   **Design:** Figma, Adobe XD, Canva
- **Build Tools:** Gradle, Apache Maven, Valgrind   **Testing:** JMeter, JUnit, Mockito
- **Tech:** Selenium, AWS, Firebase, Bash, Git   **Interests:** AI, Blockchain, Web3, HCI, …

PROJECTS

BYU SandBox – BYU Creators Program   **Pending | *UT***
- Build a software product from scratch with a team of developers, designers, and product managers.

Other Projects
- **Chrome Extension -** Detect strangers and bots in your Facebook profile
- **Facebook Scraper -** FB profile, python, data scraper used to build Figma Prototypes
- **Datalog Lexer -** Identifies the datalog language tokens found in the file it reads and outputs each token.
- **X86-64 Assembly Simulato**r - Translate assembly instructions to object code
- **Personal Portfolio –** arvih.com
- **FRC Robots (19'-21')** – Completed annually at the Utah Regional. **Awards:** ROTY. '22 Regional winners.

LEADERSHIP POSITIONS / OTHER

BYU Developers Club   **2022 - Present |*UT***
- Building a new app using Flutter/Dart with a TypeScript backend.

BYU Association for Computing Machinery (ACM)   **2022 - Present |*UT***
- Networking, recruitment dinners, and hosting the annual BYU Y-Hack.

FRC Robotics Team #6844 – **Team Captain & Programmer**   **2018 - 2021 |*UT***
- I was the team captain and lead programmer of the Utah Valley Provotypes.
- Competed annually at the Utah Regional. **Awards:** ROTY. '22 Regional winners.