

# SIZE YUI (REIGNS) LIU

Phoenix, AZ | 480-868-4005 | [reignsvliu@gmail.com](mailto:reignsvliu@gmail.com) | [reigns-liu.github.io](https://github.com/reigns-liu) | LinkedIn: [reigns-liu](https://www.linkedin.com/in/reigns-liu)

*B.E. in Computer Science with experience in IT support and web development. Skilled in Python, JavaScript, and full-stack web technologies, with hands-on experience designing user interfaces, building interactive data dashboards.*

## EDUCATION

---

**SEP. 2019 – DEC. 2024** B.E. in Computer Science, Brigham Young University-Idaho

## TECHNICAL SKILLS

---

<b>Languages</b>	Python, SQL, JavaScript, HTML, CSS, C#, Java, R, Kotlin
<b>Tools/Framework</b>	Android Studio, Jetpack Compose, ZXing, Firebase, VS Code, Git
<b>Data &amp; ML</b>	Pandas, NumPy, Polars, Matplotlib, Plotly, Streamlit, MotherDuck
<b>IT Support</b>	Troubleshooting, Help Desk, Device setup, Asset Management (GTS, ITCMS, ITAM)

## PROFESSIONAL EXPERIENCE

---

**IT Support Assistant, Vendor: Acer for TSMC, Phoenix, Arizona, USA**

**Feb. 2025 – Present**

*Delivering frontline IT support for mobile devices, laptops, and enterprise systems at one of the world's largest semiconductor manufacturers*

- Provide technical support for TSMC employees on phone provisioning, system setup, and troubleshooting of hardware/software issues
- Assist user onboarding and issue resolution through the TSMC 2999 help desk, supporting both mobile and laptop environments
- Manage daily IT asset tracking and daily inventory using GTS, ITCMS, and ITAM
- Work with internal IT teams and vendors to resolve escalated issues promptly and professionally

**Software & IT Support Intern, Well Green Technology, Dongguan, Guangdong, China**

**Jun. 2024 – Aug. 2024**

*Supported technical and operational functions, combining website development experiences and IT support skills*

- Designed and updated the company website, improving user experience and visual design
- Provided basic IT and technical troubleshooting support for internal systems
- Maintained project documentation and reports to track milestones and resource allocation
- Supported internal operations, including activity planning and workflow coordination

## PROJECT EXPERIENCE

---

**Machine Learning Case Study (Python, R, Docker), Winter 2024**

- Built an interactive web app with Streamlit to analyze correlations with a depression-related dataset
- Implemented multiple visualizations, tables, and user controls for data exploration
- Customized app theme, structured multi-page navigation, and deployed using Docker for portability

**Sentiment Analysis & Data Visualization (Python, JavaScript, HTML, CSS), Spring 2024**

- Developed sentiment analysis pipeline using Pandas and NumPy, optimizing performance with Polars and multiprocessing (40% faster in data computation on large datasets)
- Built interactive dashboards with Plotly Express and Matplotlib to efficiently communicate findings

**Auction App (Android, Kotlin), Spring 2022**

- Built a mobile app using Kotlin & Jetpack Compose, integrating Firebase Authentication for secure login and ZXING for QR code scanning
- Managed live data synchronization with MotherDuck, enabling reliable bidding and auction tracking