ISAAC LARSON

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Hi, I'm Isaac! I'm a dual major in Computer Science and Electrical Engineering at the University of Arizona. I'm eager to apply my skills to transformative, cutting-edge technologies that have the potential to make a lasting impact. I am passionate about learning and exploring new challenges at the intersection of hardware and software.

EXPERIENCE

SOFTWARE DEVELOPER INTERN

Ascending Node Technologies, Jun 2024 – Aug 2024

- Developed satellite command and lab software in Python using the SpiceyPy wrapper
- Worked on NASA Pioneer Program in a collaborative team environment
- Conducted rigorous testing to ensure software reliability
- Gained experience in space technology and satellite operations

TECHNICAL CONSULTANT

University of Arizona, Nov 2023 - Present

- Provided technical troubleshooting and IT support to students and faculty
- Enhanced customer service skills through direct interaction with users
- Collaborated with teams to improve technology resource efficiency
- Strengthened problem-solving abilities in a fast-paced environment

MATH TUTOR

Horizon High School, Aug 2022 – Aug 2023

- Mentored students, improving their understanding of mathematical concepts
- Developed strong communication skills through one-on-one tutoring
- Enhanced problem-solving and teaching techniques

ASSISTANT YOUTH WRESTLING COACH

North Phoenix Wrestling Club, Aug 2021 – Aug 2023

- Developed leadership skills by instructing youth athletes
- Fostered teamwork and promoted sportsmanship
- Adapted coaching techniques to meet individual and group needs

BARISTA

Dunkin, Aug 2023 – Nov 2023

- Delivered exceptional customer service in a fast-paced environment
- Developed multitasking and time-management skills
- Maintained an efficient and clean workspace under pressure

PROJECTS

PORTFOLIO AND WEB DEVELOPMENT PROJECTS

- Designed and maintained a responsive eportfolio using React, TypeScript, and Bootstrap
- Gained experience in web design and front-end development

CLASS PROJECTS

- My coding projects as university so far! Includes algorithm development, data structures, OOP, processing and analyzing large datasets, games, implementing digital circuits and lots more!
- See my website: www.isaaclarson.dev or my GitHub: github.com/Isaacdl2

SKILLS

- Programming Languages: Python, C++, Java, Verilog
- Web Development: React, Bootstrap, Typescript, HTML, CSS
- Software Tools: SolidWorks, Vivado, Git
- Testing Frameworks: PyTest, Junit
- Other: Algorithm Development, OOP, Data Structures, Digital Circuit Design