KG

KYLER GUNDERSEN

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EDUCATION

BS

Computer Science GPA: Logan, UT
Utah State University, Logan, UT
Expected in May 2027

- Junior level
- GPA: 3.7

High School Diploma

Brigham City, UT
Box Elder High School, Brigham City, UT
July 2025
GPA: 3.98

Web & App Development Certificate

Software Development
Bridgerland Technical College, Logan, UT

SUMMARY

Detail-oriented computer science undergraduate with hands-on experience in Python-based research tooling and full-stack web development. Currently, I am an undergraduate research assistant developing instrument-control software to automate data collection and improve test reliability. Strong foundation in object-oriented programming, web technologies, and Linux-based workflows, with a proven ability to learn quickly, troubleshoot complex systems, and deliver reliable solutions in both academic and real-world environments.

SKILLS

- Java and Python
- C++ and C
- Web development (HTML, CSS, JavaScript)
- React and Next.js
- TypeScript and PHP
- Linux shell proficiency
- SQL/MySQL expertise
- Tailwind CSS design
- Version control with Git
- Effective communication
- Time management
- Adaptability
- Team collaboration
- Database management
- Software troubleshooting
- Computer assembly and setup
- Hardware diagnostics
- Customer service
- Device imaging techniques
- Enterprise security practices
- LAN/WAN troubleshooting
- IP configuration skills
- Wi-Fi setup expertise
- Attention to detail

WORK HISTORY

UNDERGRADUATE RESEARCH ASSISTANT

USU College of Engineering | November 2025 - Current

- Developing a Python-based graphical interface to control a Keithley switch matrix, voltage source, and AC/DC current source.
- Implementing automated channel switching, real-time graph display, and data-saving functionality.
- Supporting ongoing research by improving workflow efficiency and test reliability.

AUTO GLASS TECHNICIAN

NOVUS Glass of Logan | Logan | November 2024 - August 2025

- Replaced and repaired windshields, maintained a clean work environment, and worked with attention to detail.

SEASONAL FLAGGER

Box Elder County Road Department | Elwood | May 2024 - August 2024

- Ensured road safety, supported team projects, and maintained equipment.

EVENT HOST

Brigham City Academy Conference Center | Brigham City | December 2023 - August 2024

- Set up event venues, served guests, and maintained facilities.

TECHNICIAN

Jiffy Lube | Brigham City | July 2023 - December 2023

- Performed automotive services including oil changes, brake repairs, and A/C system maintenance.

OTHER RELEVANT PROJECTS

Rocky Mountain Homes - Capstone project
- Designed and developed a full-stack PHP application with secure form handling, image uploads, and inventory management.
- Implemented responsive UI using Tailwind CSS and object-oriented backend architecture.
- Managed both client- and server-side development from concept to deployment.
- Troubleshot system bugs, documented fixes, and optimized performance. https://rockymountainhomesales.com