

ZACKERY C. PEDERSEN

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SOFTWARE ENGINEERING STUDENT

Team-Based Projects | Verification-Driven Development | Data Science | Machine Learning | Software Applications | Microservices

I am a detail-oriented, self-directed learner and versatile team member. I can incorporate and apply new information to get results. I adapt to changing conditions with a resourceful and agile mindset and always seek to add value to each situation. I am passionate about good documentation practices and interested in creating quality software solutions and applying machine learning. Quality code comes from establishing requirements and planning verification before all else.

STRENGTHS & SKILLS

Customer Service	Communication	Docker/Kubernetes	Machine Learning
Problem Resolution	Analytical Thinking	Verification testing	Python
Organization	Data Science and Visualization	C/C++	Software Design

WORK EXPERIENCE

Vivint Smart Home, Colorado Springs | CO Summer 2024

DTH Technician

- Installed security systems in customer homes, ensuring clean and quality smart home systems.
- Worked with sales team and other technicians to set and achieve goals.
- Tracked and managed personal and office inventory.

LifeNet Health | Virginia Beach, VA Summer 2023

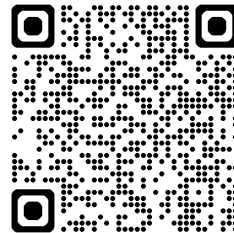
Programming Analyst

- Selected for intern position from 230 applicants
- Part of a development team that designed a microservice B2B database access system
- Personally responsible for the design of LNH employee access to hospital electronic medical record systems
- Worked with an international scrum team of developers to define project scope and delivered functional code on schedule
- Worked with stakeholders throughout the project to ensure results met expectations

Brigham Young University - Idaho | Rexburg, ID 2022-2023

Recreation Services Associate

- Worked with a team to cover the entire recreational facility
- Handle front desk check-ins and recommend specialty items
- Manage and inventory equipment and maintain facility equipment



Lowe's Home Improvement | Apex, NC 2020-2021, 2023

Customer Service Associate

- Assisted customers with projects by providing advice and technical know-how in a service-oriented way
- Maintained the cleanliness and functionality of my department safely and efficiently

Church of Jesus Christ of Latter-Day Saints | Provo, UT 2018-2020

Voluntary Missionary Service

- Regularly visited with those we were teaching to build relationships and address specific concerns and problems
- Participated in community outreach service programs, assisted and taught members of the local community
- Coordinated efforts with local church leadership

EDUCATION & CREDENTIALS

B.S., Software Engineering, Brigham Young University - Idaho, Rexburg, Idaho (July 2025)

- Studied application engineering topics including test-driven development, performance testing and documentation, machine learning, cyber-security, algorithm design, Python, R, C/C++, data science, and software architecture

Certificate of Computer Programming, Brigham Young University - Idaho (2025)

Certificate of Software Design, Brigham Young University - Idaho (2025)

AWARDS and RECOGNITION

Eagle Scout | Boy Scouts of America (2018)

Academic Decathlon | Varsity High Score (2018)