

Zack Pedersen's CV

Zackery C. Pedersen

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SOFTWARE ENGINEERING GRADUATE

Team-Based Projects / Test-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.

EDUCATION & CREDENTIALS

- **B.S., Software Engineering**
Brigham Young University - Idaho, Rexburg, ID (Expected July 2025)
Studied application engineering topics including test-driven development, performance testing, documentation, machine learning, cyber-security, algorithm design, Python, R, C/C++, data science, and software architecture.
- **Certificate of Computer Programming**
Brigham Young University - Idaho (2023)
- **Certificate of Software Design**
Brigham Young University - Idaho (2024)
- **Certificate of Data Science**
Brigham Young University - Idaho (2025)

STRENGTHS & SKILLS

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

WORK EXPERIENCE

Vivint Smart Home, Colorado Springs, CO

DTH Technician (Summer 2024)

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

LifeNet Health, Virginia Beach, VA

Programming Analyst Intern (Summer 2023)

- Selected for the intern position from 230 applicants.
- Contributed to a development team designing a microservice B2B database access system.
- Designed employee access to hospital electronic medical record systems.
- Collaborated with an international scrum team to define project scope and deliver functional code on schedule.
- Engaged with stakeholders throughout the project to ensure results met expectations.

Brigham Young University - Idaho, Rexburg, ID

Recreation Services Associate (2022–2023)

- Worked with a team to cover the entire recreational facility.
- Handled front desk check-ins and recommended specialty items.
- Managed and inventoried equipment and maintained facility operations.

Lowe's Home Improvement, Apex, NC

Customer Service Associate (2020–2021, 2023)

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

Church of Jesus Christ of Latter-Day Saints, Provo, UT

Voluntary Missionary Service (2018–2020)

- Regularly engaged with community members to build relationships and address specific concerns.
- Participated in community outreach programs, assisting and teaching local community members.
- Coordinated efforts with local church leadership.

AWARDS & RECOGNITION

- **Eagle Scout** — Boy Scouts of America (2018)
- **Academic Decathlon** — Varsity High Score (2018)