

Tanner Harrison

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EXPERIENCE

Software Engineer II

Seattle, Washington

Qualtrics

May 2021 – Present

- Design and codify a standard way for services and customers to define complex ETL operations on customer data
- Contribute to team success by onboarding teammates (6) and leading scrum planning, backlog refinement, and sprint retros
- Build WCAG 2.0 accessible React UIs to allow users to view, edit, export, and model data

Software Engineer Intern

Remote

Microsoft - Azure Compute

May 2020 – August 2020

- Prepared and ran 7,500+ simulations to study effects of various bin packing strategies
- Cleaned and analyzed simulation results to measure potential cost savings
- Co-authored with manager two internal papers discussing potential cost savings of various bin packing strategies

Co-Founder and Co-Owner

South Jordan, Utah

Campfire Industries

March 2013 – August 2020

- \$325K revenue, 42K units sold, 350 retail locations
- Interviewed, hired, staffed, and led 15 employees for production line
- Grew online sales revenue by 400% from 2017 to 2018 by optimizing listing on Amazon.com and targeting ad campaigns
- Pitched product at numerous tradeshows to establish relationships with key retail accounts

EDUCATION

B.S. Applied and Computational Math Emphasis (Computer Science Concentration)

Provo, Utah

April 2021

Brigham Young University

Completed Coursework

- Modeling with Data and Uncertainty (Python)
- Modeling with Dynamics and Control (Python)
- Communication in Organizational Settings
- Advanced Mathematical Analysis (Python)
- Algorithms: Design and Optimization (Python)
- Data Structures (C++)
- Advanced Programming Concepts (Java)
- Linear Algebra

Significant Projects

- *Various Course Labs:* Markov Chains, K-D Trees, Gradient Descent, Discrete Fourier Transform, SQL, and Regular Expressions
- *My Family Map:* Design and develop client-server application using SQL databases and Android Development in Java language

Overall GPA: 3.99

Other: 1st Place in 2019 ACME Competitive Coding Competition

SKILLS

- Able to decompose problems, explain complex solutions simply, and translate solutions to code
- Experienced entrepreneur with skills in web design, computer programming, product development, and digital marketing
- Proactive, responsible, dependable, quick learner, critical thinker, and highly motivated

SERVICE & LEADERSHIP

Full-Time Service Volunteer

Mendoza, Argentina

The Church of Jesus Christ of Latter-day Saints

May 2016 – May 2018

- Volunteered for 2 years, 80+ hour work weeks
- Interviewed team members, gave feedback, set goals, and followed up to increase team performance
- Prepared and delivered weekly hour-long training sessions based on the needs of assigned team

HONORS AND AWARDS

- BYU Presidential Scholar, most prestigious academic scholarship, one of 50 recipients in the 2015 freshman class