

# Nicholas Boss



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## Education

### Bachelor of Science

September 2020 - December 2025

*Brigham Young University - Idaho*

Rexburg, ID

- Data Science Society (DSS)
  - Company: ClearView
  - Position: Project Manager
  - Currently helping ClearView to design a database and web application to allow organization of work orders
  - Company: Madison Fire Department
  - Position: Project Manager
  - Volunteered at the Madison Fire Department by implementing a web application to track inventory
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## Professional Experience

### Teaching Assistant

September 2021 - Present

*Brigham Young University - Idaho*

Rexburg, ID

- Mentored approximately 1000+ students by helping others learn concepts in the Intro to Databases and Web Fundamentals courses
  - Created a 2 hour Concept Workshop helping students prepare and succeed in final exams
  - Taught various topics such as database normalization, ERD creation, CRUD, CSS grid, HTML, JavaScript
  - Integrated the AWS system students use for classes in the CSE Department
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## Skills

- MySQL, AWS, HTML, CSS, C#, PL/SQL (read and debug), PL/pgSQL (read and debug), Python, C++, React Native, Node.js, Spanish (Fluent)
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## Volunteer Experience

*The Church of Jesus Christ of Latter-day Saints – Mendoza, Argentina*

### Full-time Missionary

October 2018 - April 2020

- Learned Spanish (Fluent). Had interactions with people through teaching and service for 2 years
  - Discovered how to love people, work hard, and live within a tight budget of \$400 a month
  - Ascertained how to work with different personalities including poor and needy in 6 week intervals
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## Programming Projects

- Auto Grading Program- Built a program helping teachers and TAs grade assignments for the Intro to Database class at BYU-Idaho
- Computing Team Database - Designed a project showing how to combine Python and SQL to create a simple database