

# Michael Alberda

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## EDUCATION -

- B.S. COMPUTER SCIENCE | MAY 2023 | BOISE STATE UNIVERSITY
- B.S. MATHEMATICS – COMPUTATION OPTION | MAY 2021 | UNIVERSITY OF IDAHO

## EXPERIENCE -

**Junior Software Engineer** | Tovuti LMS | May 2022 – Ongoing

- *Learning Management System*
  - ♦ Designed and developed multiple key features for the LMS, according to specifications from product and design teams. Utilized PHP, JavaScript, and MySQL to achieve client requests and create user friendly interfaces.
  - ♦ Collaborated with team members to produce high-quality code and scalable resources for users and clients. Test code under expected pressure to verify future scaled usage.
  - ♦ Found root cause and resolved bugs identified by QA team, providing timely fixes for reliable release schedule. Squashed existing bugs and refactored technical debt identified by clients and development team.
  - ♦ Used access to MySQL staging database to optimize queries for improved performance in large scale client databases. Implemented database migration scripts for ensured data quality across multiple instances.
  - ♦ Involved in product design and standard Agile process framework meetings.
- *Laravel API*
  - ♦ Engineered API features and endpoints, along with managing API endpoints used by our mobile application.
  - ♦ Debugged existing API for future cases, while dealing with and refactoring technical debt.

**Software Development Intern** | Tap Network LLC | January 2022 – May 2022

- *Ionic Mobile Application*
  - ♦ Created and implemented new features under supervision of senior developers that matched designs and support user demands.
  - ♦ Collaborated with developers and other interns to create documentation for existing codebase. Worked with overseas team to increase overall quality of code.
  - ♦ Regularly met with CEO to determine future of app to meet client demand.

## SKILLS & ABILITIES -

### Proficient Programming Languages & Frameworks

- PHP, Laravel API, MySQL, JavaScript, HTML, C, C++

### Relevant Skills

- Scrum and Agile Development, Git, Linux, SQL