

Michael Alberda

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WORK EXPERIENCE

Tovuti LMS

May. 2022 – Present

Junior Software Engineer

Eagle, ID

- Tovuti LMS produces a white label Learning Management System. [Tovutilms.com](https://tovutilms.com).
- As a junior software engineer at Tovuti, I designed and developed multiple key features for the LMS, all according to specifications from our product and design teams.
 - Created and implemented core systems resulting in landing large private contracts.
 - Build from scratch email notifications and multiple advanced search features.
- Collaborated with team members to produce high quality code and scalable resources for users and clients.
 - Peer coded and peer reviewed code to validate coding quality standards.
 - Tested code under expected and extreme user pressure to verify future scalability.
- Solved and provided timely fixes for hundreds of bugs identified by our support and QA teams.
 - In addition, refactored years of inherited technical debt to ensure future client satisfaction.
 - Optimized dozens of queries for improved future performance and wrote dozens of migrations for client data, while maintaining data standards.
- Helped build and maintain a highly used Laravel API, utilizing PHP and the Laravel Framework.
 - Engineered multiple API features and endpoints, along with managing API endpoints used by our mobile application.
 - Debugged existing API features, while refactoring technical debt.
- Utilized systems/languages including: VSCode, Linux, AWS, MySQL Workbench, PHP, Postman, and Docker.

Tap Network LLC

Jan 2022 – May 2022

Software Development Intern

Boise, ID

- Tap Network LLC produces a social media mobile app for influencers. [TapNetworkLLC](https://tapnetworkllc.com).
- As an intern at Tap Network LLC, I implemented features and created extensive documentation, while fixing inherited bugs in the code from the original team.
 - Created and implemented new features under supervision of senior developers according to designs.
 - Collaborated with developers and interns to create documentation and increase quality of the codebase our overseas team built.
 - Met with CEO and potential clients regularly to discuss and determine the future of our product.

EDUCATION

Boise State University

May 2023

B.S. Computer Science

Boise, ID

GPA: 3.5

University of Idaho

May 2021

B.S. Mathematics – Computation Option

Moscow, ID

GPA: 3.7

FRAMEWORKS/LANGUAGES, SKILLS & INTERESTS

- **Frameworks/Languages:** PHP, MySQL, Laravel API, JavaScript, HTML, C, C++
- **Skills:** Scrum and Agile Development, Git, Linux
- **Interests:** Rock climbing, running, reading, film, and board games