**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://www.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://www.linkedin.com/company/tapnet?trk=public_profile_topcard-current-company).
* 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