

MATTHEW HOTCHKISS

mphotchkiss01@gmail.com | 971-400-8884 | [LinkedIn](#) | [GitHub](#)

Please take the time to check out [my website](#)

SUMMARY

- Impacting complex vertical products in creative ways
- Diligently and independently working with a team oriented mindset
- Seeking a challenging opportunity to gain insight into cutting edge and exciting work
- Searching for a team that upholds a mission of positive influence

EDUCATION

Oregon State University

Bachelors of Science in Computer Science

Corvallis, OR

Graduation: June 2023

GPA: 4.00

WORK EXPERIENCE

Lumen Learning

Software Engineer Intern

Remote

Oct. 2021 – Present

- Developed scalable and reusable backend solutions in Ruby on Rails web frameworks
- Implemented Ruby scripts for a variety of data maintenance tasks
- Involved in some Javascript and Java web applications
- Operated within a small engineering team that followed traditional agile practices: 2-week sprint cycle, planning, scrum, refinement, retrospective.

Projects:

Harmony MVP:

- Built upon and improved existing Lumen software
- Contributed to new Lumen minimum viable product (MVP) with EOY deadline
- Collaborated on software design decisions, component identification, streamlining flows, aligning interacting processes and more

IMS LTI 1.3 Deep Linking:

- Integrated Lumen instructional material with Learning Management Systems (LMS) via industry standard flow (IMS LTI 1.3)
- Worked with both internal and contracted partners to accomplish this critical product delivery method and instructor experience
- Picked up knowledge about Java web applications (running on Spring Boot)
- Produced a more seamless path towards content integration

Embedded Assessment Software Migration:

- Researched and orchestrated the migration of student assessments away from an antiquated system to a streamlined system utilized for other Lumen content
- Roped in UX, learning, and accessibility teams for a culmination of stakeholders and inputs involved in the project
- Explored React.js component lifecycle behaviors and DOM manipulation.

Performed a variety of open education resources improvements. Primarily consisted of asynchronous, independent work on projects.

Projects:

- Learned and wrote mathematical equations in Latex for Calculus courses.
- Formatted 500+ HTML tables for new Accounting course:
 - created adaptations to template according to accounting table standards
 - Included auxiliary work with embedded CSS styling additions and adjustments

COMMUNITY INVOLVEMENT

Phi Kappa Psi Oregon Beta Chapter:

- Community Service: 30+ hours of local service per year
- Kitchen Manager (Aug. 2021 – Dec. 2021): organize and manage cleaning groups, ensure the cleanliness of the cooking and dining area, and maintain a positive relationship with the cook
- Community Service Chairman (Feb. 2021 – Sept. 2021): Connected with local organizations, communicated opportunities with members, organized & participated in events