

Addison Boyer

131 S Higgins Ave APT 7-4, Missoula, MT 59802

addison.boyer@umontana.edu, (406) 970-9044

www.linkedin.com/in/addiboyer24, <https://github.com/addiboyer24>

— Education —

University of Montana — Missoula, MT

— *M.S. in Computer Science* — *May 2020*

- GPA: 3.94 / 4.0, with experience as a Teaching and Research Assistant.

— *B.S. in Computer Science* — *May 2018*

- Minor in Mathematics, graduating Cum Laude with Davidson Honors College distinction.

— Experience —

University of Montana — Missoula, MT

— *Adjunct Professor of Computer Science* — *August 2023 to Present*

- Instructed approximately 50 undergraduate students in computer science and business programs in CSCI 340 (Database Design) and CSCI 152 (Fundamentals of Computer Science II), covering Java programming, data structures, algorithms, and fundamental principles of database design including ER modeling, the relational model, normalization, and practical implementation of the relational model using SQL.

— *Adjunct Professor of Media Arts* — *February 2023 to May 2023*

- Instructed approximately 20 undergraduate and graduate students in computer science and media arts programs in MART 441 (Web Technologies), exploring mobile-first web development, HTML, CSS, JavaScript, and a range of JavaScript frameworks, with an emphasis on Node.js as a JavaScript runtime environment.

Consumer Direct Care Network — Missoula, MT

— *Solution Architect* — *May 2023 to Present*

- Worked collaboratively with cross-functional stakeholders to drive technical roadmaps for platform features, encompassing identity & access management, enterprise integrations, containerized microservices, Kubernetes, business continuity & disaster recovery, API and database design, automated testing, generative AI, and monitoring. Established and implemented processes, procedures, and programming standards to ensure maintainable, extensible, scalable, testable, and reliable business applications for both local and offshore engineering teams.

— *Software Development Manager* — *May 2021 to May 2023*

- As the product owner and scrum master, led software engineering teams within an agile software development lifecycle, crafting user stories and features to steer functional roadmaps for diverse business applications. Orchestrated sprints in collaboration with fellow software development managers and directors to deliver software solutions for a \$500M contract in Washington state.

— *Application Software Engineer II* — *June 2020 to May 2021*

- Led the software engineering team in the design and implementation of a customized payroll system, alongside a suite of integrations with Workday ERP, facilitating the processing of over \$3B in total revenue to date.

— Skills —

— *Programming Languages* — *C#, Java, and SQL*

- Proficient in developing RESTful services and libraries in .NET Framework and .NET Core, with additional experience in Java Spring Boot. Skilled in crafting efficient SQL queries, strong in object-oriented design principles, and adept in implementing domain-driven design patterns for scalable and maintainable solutions.

— *Cloud Architectures* — *Microservices, Containers, and Reliability*

- Proficient in designing and implementing microservices architectures using Docker containers and Kubernetes orchestration. Demonstrated expertise in creating scalable, fault-tolerant cloud architectures on Microsoft Azure, including leveraging Azure Functions for serverless application development. Additionally, adept in utilizing Azure Service Bus for implementing event-driven architectures, ensuring seamless communication and integration between microservices.

— *Key Competencies* — *Communication, Problem Solving, Leadership, and Learning*

- Proficient in key competencies essential for software engineering excellence, including effective communication of technical concepts, skillful problem-solving, collaborative teamwork, efficient time management, adaptability to changing environments, meticulous attention to detail, innovative thinking, demonstrated leadership, empathetic understanding of user needs, and commitment to continuous learning and professional development.

— Professional References —

Robert Boyer — Lead Software Engineer

— *Docusign* — *Seattle, WA*

- rbmail99@comcast.net, (253) 335-5920

Yolanda Reimer — Professor and Computer Science Department Chair

— *College of Humanities and Sciences* — *Missoula, MT*

- yolanda.reimer@umontana.edu, (406) 243-4618

Travis Wheeler — Associate Professor

— *R. Ken Coit College of Pharmacy* — *Tucson, AZ*

- twheeler@arizona.edu, (520) 621-7253