

Rebecca M. Lashua

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🌐 [GitHub](#) | [LinkedIn](#)

🎓 EDUCATION

B.S. in Computer Science — Oregon State University

GPA: 3.8 / 4.0

B.S. in Psychology & Sociology — University of Massachusetts Amherst

GPA: 3.8 / 4.0

💻 TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, C++, SQL, HTML/CSS
- **Frameworks/Tools:** React, Next.js, Node.js, Express, PostgreSQL, MariaDB, Git/GitHub, Jira, Confluence, Google Workspace, Microsoft Excel, Cypress, Postman
- **Testing:** Manual Testing, Test Case Design, Regression Testing, Bug Tracking, QA Documentation
- **Other:** REST APIs, CI/CD Basics, Bash, Linux, Windows, Visual Studio Code, Git, GitHub

🔧 PROJECT EXPERIENCE

Appointment Scheduler | React, Node.js, Express, MariaDB

Built a bilingual appointment management app with CRUD functionality, error validation, and a language toggle. Developed regression tests, structured test cases in Confluence, and tracked bugs via GitHub Projects and Jira

Flight Price Tracker | React, Node.js, Express, PostgreSQL

Created a responsive app visualizing flight trends using historical API data. Designed and implemented RESTful endpoints, stored normalized data in PostgreSQL, and charted insights with Chart.js.

Capstone (Fire/EMS Web App) | React, Mapbox, Tailwind, .NET

Led client communications and sprint coordination for a risk analytics dashboard used by emergency responders. Contributed to frontend development, story refinement, and QA verification for deployment-readiness.

Other Projects:

- *Lab Rat (C++)* — Terminal-based game with manual test verification
- *Infix to Postfix Converter (Python)* — Custom parser with unit test coverage
- *Integer Calculator (Assembly)* — Validated custom conversion logic and math ops

🏠 RELEVANT EXPERIENCE

Project Manager & Programmer | Levrum Data Technologies – Remote

Jan. 2024 – May 2024

- Coordinated sprint planning, backlog grooming, and sponsor meetings for the development of a self-service Fire-EMS analytics UI.

- Facilitated test case writing, bug triage, and end-stage QA validation.
- Managed cross-timezone collaboration using Discord, GitHub, and Jira.

Math & Programming Tutor | Freelance - Remote

Jan. 2023 – Present

- Design and manage individualized learning plans for homeschooled high school students.
- Help students debug code, review project logic, and understand software testing principles.
- Emphasize clean documentation, version control, and testing during instruction.
- Schedule assignments, monitor milestones, and conduct regular check-ins to assess progress.

Tax Preparer & Consultant | Servicios Pantoja – Joliet, IL

Sept. 2024 – Present

- Prepare and file accurate individual and business tax returns in compliance with tax laws.
- Advise clients on deductions, credits, and tax strategies.
- Manage data accuracy and documentation for client tax reporting.
- Streamline workflows with versioned Excel models and documentation.

Project Lead & Programmer | AGAID Hackathon – Remote

Jan. 2023

- Managed team workflows and deadlines for a predictive analytics project.
- Facilitated clear communication among team members to overcome organizational challenges.
- Developed and presented the final product, highlighting project outcomes and efficiency improvements.

Research Lead & Data Management Coordinator | MASSPIRG – Amherst, MA

Jan. 2013 – May 2013

- Led a team of 10 data entry volunteers, ensuring accuracy and organization of campaign data for the Zero Waste ballot initiative.
- Researched Zero Waste policies to support public education and signature collection for a state ballot initiative.
- Participated in community outreach and collected signatures, contributing to the passing of the bill.



PROFESSIONAL STRENGTHS

Critical Thinker: Possesses analytical approach to identifying system issues and testing edge cases.

Collaborative: Enjoys cross-functional teamwork in Agile environments.

Organized & Communicative: Adept in documenting test plans, writing bug reports, and leading syncs

Continuous Improvement: Committed to learning and applying feedback to improve quality.

Adaptable: Skilled at quickly learning new tools and adjusting to project changes.

Quality Assurance: Strong understanding of QA workflows and documentation best practices.



ADDITIONAL EXPERIENCE

Private Caregiver | Self-Employed — Southbridge, MA

2013 – 2022

- Provided full-time care for a family member with a rare condition.
- Managed complex scheduling, logistics, and communication with medical professionals.
- Developed deep empathy, patience, and problem-solving skills through long-term care responsibilities.

Residence Hall Security Monitor | University of Massachusetts Amherst

2008 – 2011

- Maintained building access control and followed campus safety protocols.

- Logged and reported incidents with attention to detail and accountability.

Resident Assistant & Cluster Office Assistant | UMass Amherst

2008 – 2010

- Supported 50+ residents by planning events, handling conflicts, and maintaining a welcoming community.
- Managed keys, documentation, and administrative requests in the cluster office.

Orientation Counselor | College of Education, UMass Amherst

Summer 2009

- Guided new students and families through orientation sessions and campus logistics.
- Facilitated tours, hosted Q&A panels, and ensured smooth transitions for incoming freshmen.

Teaching Assistant – Intro to Psychology | Department of Psychology, UMass Amherst

Fall 2009

- Ran weekly recitation sections and review sessions.
- Helped grade exams and supported students during office hours.

Research Assistant | Department of Education, UMass Amherst

Spring 2011

- Collected and coded observational and survey data for classroom research projects.
- Maintained clean records and supported faculty data analysis needs.