

# Matthew Dunfee

## Software Engineer

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www.multipersal.space

My professional goals center on discovery, innovation, and ethical responsibility. I aim to contribute to the development of secure, high-quality, privacy-preserving systems and to help advance the field of intelligent and adaptive technologies. I seek roles that value rigorous, evidence-based design and that leverage interdisciplinary thinking to push the boundaries of what software and AI systems can accomplish. In these environments, I aim to support long-term organizational goals by creating solutions that are robust, reusable, and designed with clarity and reliability in mind.

With four years of experience across software development, testing, and teaching, I bring a strong technical foundation in modern full-stack and DevOps practices. I have led troubleshooting initiatives for complex technical issues, improved customer-facing workflows, and mentored students through project design and development. My work emphasizes clean architecture, maintainable code, and user-centered problem solving. These strengths allow me to contribute meaningfully to teams focused on innovation, continuous improvement, and forward-thinking system design.

## WORK EXPERIENCE

### SOLIFI

12/2021 - 10/2023

#### Associate Software Engineer

Worked directly with customers on open tickets ranging from user error to actual defects. Used documentation, log review, code analysis, and cloud test environments to support findings and validate solutions before presenting a fix for the customers' production accounts. Utilized skills in Java, Pick Basic, Oracle, and SQL Server.

### ACTIVISION

05/2021 - 12/2021

#### QA Functional Tester I

Discovered and reported 15+ software defects daily in Jira with full reproduction steps, build metadata, and tags across UI/UX, controls, rendering, lighting, mesh, and collision issues. Proposed a browser extension to automate build data entry and streamline Jira reporting, improving QA efficiency and reducing error risk.

## EDUCATION

### Bachelor of Science in Computer Science

#### Southern New Hampshire University

GPA: 3.8

02/2026

Honor Roll for 2025 C-6 (Oct - Dec)

Honor Roll for 2025 C-5 (Sep - Oct)

Honor Roll for 2025 C-4 (Jun - Aug)

Summer 2025 President's List. The summer terms run from May to August.

Honor Roll for 2025 C-3 (May - Jun)

Honor Roll for 2025 C-2 (Mar - Apr)

Spring 2025 President's List. The spring terms run from January to May.

Honor Roll for 2025 C-1 (Jan - Mar)

Honor Roll for 2024 C-6 (Oct - Dec)

Honor Roll for 2024 C-5 (Sep - Oct)

Honor Roll for 2024 C-4 (Jul - Aug)

Spring 2024 President's List. The spring terms run from January to May.

Honor Roll for 2024 C-4 (Jun - Aug)

Honor Roll for 2024 C-3 (May - Jun)

## CERTIFICATIONS

### Full-stack software engineering

Prime Digital Academy

## TRILOGY

09/2020 - 02/2021

### Teachers Assistant

Served as a guide to students in selecting feasible solo project ideas and reinforcing best practices in software development, including consistent naming conventions, incremental development, and debugging through effective logging. Provided hands-on support with modern full-stack technologies such as React, Node.js, Express, and PostgreSQL to help students build and refine their applications.

## ROBERT HALF

09/2020 - 10/2020

### Web Developer

Engaged as a Full-Stack Node.js Consultant to evaluate a malfunctioning MERN project. Conducted white-box testing to identify problem areas, performed root cause analysis, and delivered detailed reports with time-to-fix estimates. Leveraged expertise in React, Redux, Node.js, Express, and PostgreSQL to guide remediation strategies and support project recovery.

## ASTON TECHNOLOGIES

03/2020 - 07/2020

### Web Developer

Built out end-to-end web services for HR portal. This included Auth, API end points, and using ORM to convert OOP to RDBMS. Gained expertise in Angular, Java, Spring Boot, JPA and Hibernate, and Oracle.

## NU CAMP

11/2019 - 03/2020

### Contract Coding Instructor

Used HTML, CSS, JavaScript, and Bootstrap to teach the fundamentals of building static webpages. Went beyond the standard teaching curriculum by showing students how to host their sites for free on Heroku. Also gained expertise in Node and Serverless.

## PROJECTS

[www.multiversal.space](http://www.multiversal.space)

## SKILLS

### Frontend

- Bootstrap
- CSS/SASS
- HTML
- JavaScript
- React
- Redux

### Backend

- C++
- Express
- Java
- JPA/Hibernate
- Maven
- Node.js
- Pick Basic
- Python
- Spring Boot

### Databases

- MongoDB
- Oracle
- PostgreSQL
- Redis
- SQL Server

### DevOps & Tools

- Bash/PowerShell
- Docker
- Git
- Heroku
- Linux
- macOS
- Windows