# **Roman Pisani**

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**EDUCATION**

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| **University of Massachusetts Amherst** | **Amherst, Massachusetts, USA** |

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| *Bachelor of Science in Computer Science* | *May 2026* |

* GPA: 3.54
* Relevant Coursework: Physical Computing, Introduction to Computation, Data Structures and Algorithms (Java), Object Oriented Programming (Java, Python), Calculus I, II & III, Statistics, Probabilistic Reasoning, Ethics in CS, Psychology, Physics

**WORK EXPERIENCE**

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| **Intuit Credit Karma** | **Charlotte, North Carolina, USA** |

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| *Software Engineering Intern* | *May 2024– August 2024* |

* Implemented multiple high-traffic web pages using TypeScript and React to reduce Member service calls, significantly reducing operational costs and improving user experience
* Took part in an internal cybersecurity group, actively participating in learning sessions and projects to identify vulnerabilities and implement secure coding practices

**LEADERSHIP EXPERIENCE**

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| **BUILD UMass** | **Amherst, Massachusetts, USA** |

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| Lead Technical Developer | September 2023 – Present |

* Worked with a client at the UMass Amherst to design and develop a full-stack website dedicated to highlighting and promoting the trailblazing research conducted by Equitable Transitions to Adulthood
* Employed Next.js in conjunction with the Contentful API to establish a user-friendly content management system for the site

**PROJECTS**

**Independent Projects**

* AutoShorts: Highly customizable video generation, using Python, Flask and ffmpeg
* Notes App: MERN full-stack app, with complete and secure authentication built from scratch.
* Boogle Bot: NodeJS Discord chat bot connecting users with handpicked search results

**Team Projects**

* Dorm Buddy: IOT Arduino Dorm Hub informing roommates of a room's status, temperature and humidity, and security. Completed during Hack UMass XI. Built with C++, NextJS and NodeJS
* UMass Wellness Chatbot: AI Chatbot with the goal of providing UMass students with the proper guidance to get help they need. Built with an independent team using ReactJS and Python

**SKILLS & INTERESTS**

**Skills:**

* Languages: TypeScript, JavaScript, Python, C++, Scala
* Frameworks and Libraries: React, Next, Solid, Express, Tailwind, Mongoose, Bcrypt, RobotC, OpenAI, Postgres, GraphQL, Prisma
* Tools: Jenkins, CircleCI, Docker, BigQuery, Git, GitHub, Contentful, MongoDB, Railway

**Interests:**

* Weightlifting/Powerlifting, Basketball, Barbering, Typing, Cycling, Reading, Coding, Philosophy