

Roman Pisani

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EDUCATION

University of Massachusetts Amherst

Amherst, Massachusetts, USA

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

Intuit Credit Karma

Charlotte, North Carolina, USA

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

BUILD UMass

Amherst, Massachusetts, USA

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