Roman Pisani

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EDUCATION

University Of Massachusetts Amherst   Expected Graduation: May 2026

Manning College of Information and Computer Sciences

- Bachelor of Science in Computer Science
- GPA: 3.929
- Relevant Coursework: Object Oriented Programming (Java, Python), Calculus I & II, Statistics, Computer Science (Java, Javascript), Ethics in CS, Psychology, Physics

PROJECTS   For more detail, please visit rpisani.dev

Independent Projects

- AutoShorts: From a sentence to an educational video with the power of OpenAI's various generative AI APIs, built in Python
- Notes App: Full stack note taking app built from scratch, with complete secure login system. Built with SolidJS and NodeJS
- Boogle Bot: NodeJS Discord chat bot connecting users with handpicked search results for their professional needs

Team Projects

- ETA Research: Showcasing research done by Equitable Transitions to Adulthood, and crediting their hardworking team. Built with NextJS and Contentful, in collaboration with my project team at BUILD UMass
- Dorm Buddy: IOT Arduino Dorm Hub informing roommates of a room's status, temperature and humidity, and security. Completed during HackUMass XI with a team of three other developers. Built with C++, NextJS and NodeJS
- UMass Wellness Chatbot: AI Chatbot with the goal of providing UMass students with the proper guidance to get the help that they need. Built with a team independent of an organization, using ReactJS and Python for the site

PROFESSIONAL EXPERIENCE

BUILD UMass   September 2023 - Present

Software Developer

- Communicated with a client at the University of Massachusetts Amherst to design and develop a full-stack website dedicated to showcasing 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
- Collaborated with team members, utilizing GitHub for version control, Slack for team communications, and Zoom for virtual meetings, enhancing project coordination and remote collaboration skills

LEADERSHIP

Innov8, UMass   September 2023 - Present

- Among the inaugural members of the club, actively involved in establishing the club's presence and contributing to its success during the first semester by participating in strategic planning and execution of foundational activities

Machine Learning Club, UMass   September 2023 - Present

- Actively involved in the lecture-style club, participating in comprehensive learning sessions and discussions to deepen understanding of machine learning concepts and applications

Distributive Education Clubs of America   September 2021 - February 2023

- Stayed in Boston as a DECA District Finalist and presented a comprehensive franchising plan to judges.
- Developed an in-depth business plan, spanning every major aspect of starting a tech start-up

Robotics Club   September 2021 - April 2023

- Programmed an autonomous robot sequence using RobotC, and achieved precise movement and coordination of the robot

SKILLS

Technical Skills

Languages: JavaScript, TypeScript, Java, Python, C++

Frameworks/Libraries: ReactJS, NextJS, SolidJS, ExpressJS, TailwindCSS, Mongoose, Bcrypt, RobotC, OpenAI

Tools: Git, GitHub, Contentful, VSCode, MongoDB, Railway