

Nick Carney

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WORK EXPERIENCE

Mesa

Full-Stack Software Engineer

Sep. 2024 – Present

Full Time, Remote

- Architected and built a Typescript Next.js app for musicians and their teams to generate music contracts, edit with a music chatbot, and pay to have them sent to all collaborators for e-sign. Used Supabase for auth and data storage.
- Integrated Stripe, OpenAI, and internal APIs to provide an enhanced experience and smoothness for the user.
- Conducted research on cutting edge technologies to identify and implement new practices into the system.

Tradeloop Corporation

Jan. 2024 – Present

Part Time, Remote

Developer

- Applied Agile/Scrum methodologies, participating in bi-weekly sprints, to assess and test modern AI systems including to contribute insights regarding their integration into the workspace.
- Collaborated on a project to apply blockchain technology to track solar panels that were sent to global colleagues to be reused. Presented findings to stakeholders, demonstrating the impact of blockchain technology on sustainability which helped earn part of a \$235,000 MA DEP grant award.
- Tested and integrated internal APIs to enhance the functionality of AI and blockchain applications.
- Assisted customers in resolving recurring issues, managing ticketing systems, and providing guidance.

Good Point Recycling

Jun. 2023 – Aug. 2023

Middlebury, VT

Blockchain Analyst Intern

- Worked with blockchain technology, OBADA, in its preliminary stages.
- Collaborated with an international team towards the goal of applying blockchain technology to track the reuse of recycled e-waste such as computers and solar panels.
- Utilized Linux (Ubuntu) to work within testnet to gain experience and install a validator node in the system.

Revolution Youth

Jun. 2022 – Aug. 2022

Burlington, VT

Conditional Logic Developer Intern

- Helped create web-based forms and applications that were posted for youth in the Northeast to help gauge their specific needs and how those needs could be addressed.
- Used technologies including Zapier to automate tasks that were previously manual.

University of Vermont Intramural Sports

May 2022 – Dec. 2023

Burlington, VT

Intramural Sports Supervisor

- Supervised intramural referees and managed general intramural sports operations. Set up equipment for different sports, checked in intramural participants, and ensured safety of participants.
- Utilized customer service and communication to ensure a smooth flow throughout shifts.

EDUCATION

The University Of Vermont

Aug. 2020 – May 2024

Burlington, VT

Bachelors of Science degree in Computer Science, minor in Mathematics

- 3.31/4 GPA, Club Soccer (4 years), UVM Chess Club Co-Founder, Outdoor Experience Leader

SKILLS

Problem Solving; Attention To Detail; Communication; Object-Oriented Programming; Git; JavaScript; Typescript; React; Next.js; Node.js; HTML5; CSS; Tailwind CSS; Vercel; Python; NumPy; Pandas; Scikit-learn; Java; ML; DBMS;