

Adam Novotny

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Portland, OR

EXPERIENCE

LineVision Inc, Senior Fullstack Software Engineer

Feb 2022 - Current | Remote

Built event-driven data pipelines and web portal serving power grid operators. Automated site onboarding workflow; replaced 10+ human-hour manual process with sub-minute pipeline, saving 90% cloud infra cost. Championed engineering standards, developed shared libraries, and coordinated devops across teams as SW org grew from 3 to dozens.

Oct 2024 - Current: Tech Lead

Led greenfield customer-facing product from pilot through productionalization. Owned end-to-end delivery, including product and UX decisions, scoping, and client onboarding. Delivered external API for ERP integration.

Dec 2025 - Current: Senior Fullstack Software Engineer

Coordinated across squads for high-velocity product development. Led hiring process, onboarded and managed junior engineer. Mentored engineers in weekly 1-1s on software best practices, AI use, and career development. Completed formal Tech Lead and Manager training programs.

Criminal System Reform Capstone, Project Manager, Data Analyst

Jan 2020 - Dec 2020 | Boston, MA

Led a three-student team analyzing criminal justice data with Pandas in partnership with community organizations. Wrote FOIA requests and delivered a report supporting Black and Pink's advocacy work.

Olin College Library and Creative Studio, Software Developer, Library Assistant

May 2017 - Dec 2019 | Boston, MA

Developed community software, automated library procedures, and built equipment checkout system. Organized college redesign events and built marketing materials. Contracted project with MIT on student culture. Designed virtual Olin tour as Gameboy Advance ROM.

PROJECTS

Taco Bike Ride App Built a webapp with Phoenix Liveview to review tacos for a distributed bike-ride concept, in an attempt to eat every taco in Portland. 2 years running, dozens of users, hundreds of tacos eaten. [tacoapp.verynice.party](#)

Public Opinion Receipt Printer SMS-driven receipt printer bulletin board displayed at Harvard Square pop-up; 200+ responses.

Coffee Events PWA with push notifications for campus events; built in Flask, Rails, Phoenix, and Express.

BoardBot CNC whiteboard drawing robot; embedded programming and project management. [scrumbledeggs.github.io](#)

EDUCATION

Olin College of Engineering

B.S. Engineering with Computing

Needham, MA

Graduated May 2021

GPA: 3.8

SKILLS

Software

Frontend: TypeScript, Phoenix LiveView, React

Backend: Python, Elixir, Node.js, PostgreSQL, Parquet

Infra: AWS, Docker, Pulumi, Linux, Embedded C/ESP32

Domain

Dynamic Line Ratings, Grid Monitoring, Weather Sensor Data, Utility Operations, Renewable Integration

LANGUAGES

Fluent Czech
Conversational Spanish