Patrick Weaver

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EXPERIENCE

BookNook

Remote

Engineering Lead   **July 2023 – Present**
Senior Software Engineer & Tech Lead   **September 2022 – July 2023**
Senior Software Engineer   **January 2021 – September 2022**

- Most recently, in a hybrid Management and Tech Lead role, managed a team of 3 engineers and collaborated with senior Engineering and Product colleagues to plan, scope, and deliver features like, a schedule management system, a component library, dependency updates, and security and privacy enhancements.
- Worked as a full stack engineer, contributing to a React frontend client and component library, a Node.js API, with a Postgres database, and real time sync with Firestore for an education platform.
- Beginning in July 2022 took on a Tech Lead role and led a scrum team in collaboratively making and documenting technical decisions, efficiently planning and scoping work, and effectively working with other teams to define clear and thorough specs for projects.
- In individual contributor work, focused on security, codebase modernization, reporting features and transitioning multiple codebases to TypeScript.
- Led implementation of various security updates including extensive authentication and authorization updates, and remediating vulnerabilities discovered through an external pentest, and represented the engineering team on a SOC 2 Type 2 audit.
- Led development of reporting features that increased focus on privacy. Designed systems that made it easy for future work to protect student data and PII.
- Supported hiring and onboarding, helping grow the engineering team from 4 to 25 people, including conducting technical and behavioral interviews, mentoring, and creating onboarding materials.

Mouse

New York, NY

Software Engineer, Learning Design   **July 2018 – July 2020**

- Built and contributed to full stack and frontend web applications including:
    - Vue.js frontend for Mouse Create, a learning management and curriculum hosting platform.
    - React frontend for Mouse Open Projects, an alternate curriculum platform developed and released in response to schools operating remotely.
    - Ruby on Rails analytics platform that compiled user and school based metrics, and adhered to strict privacy guidelines required by COPPA compliance.
    - Various standalone apps that paired with curriculum teaching topics like encryption that allowed students to try out various levels of encryption, game design, and chatbot design.
- Containerized apps for deployment with Docker. Managed Linux servers and cloud deployments.

Learning Design Manager   **July 2015 – June 2018**

- <u>Jan 2017 – Jun 2018</u>: *Software Development and Technical Curriculum Development*
    - Wrote and edited curriculum for teaching coding, electronics, web literacy, and design.
- <u>Jul 2015 – Dec 2016</u>: *Program Management and Technical Curriculum Development*

- Supervised a team working with 300 schools. Supported hiring and onboardings.

Learning Network Coordinator   **September 2014 – July 2015**
- Trained students and teachers across the Mouse network of 300 schools on STEM curriculum.

HIVE NYC/PASE
New York, NY
Webmaker Trainer   **January 2014 – June 2015**
- Worked with after school program sites to create websites using Mozilla Tools and trained site staff.

Freelance Web Development   2020, 2013 – 2016

Phone Booth Press
Cofounder   **2010 – 2015**
- Ran a small press and published books and print sets.

NOTABLE WEB PROJECTS

Record Player   record-player.glitch.me
- A computer vision enabled app that combines the Google and Spotify APIs to identify albums from a photo of an album cover. "New App Is Basically Shazam for Album Covers" - Pitchfork

SKILLS

Language: Bilingual in English and Spanish
Technology: JavaScript, Node.js, React, Typescript, Vue, CSS, HTML, Ruby on Rails, Python, Django, Docker, Git, SQL, Postgresql, SQLite, MySQL

EDUCATION

Recurse Center
New York, NY (Remote)
Participant   **Fall 2020**
- Participated in a 12 week batch and focused on building a real-time map of the NYC subway system.

University of California, Santa Cruz
Santa Cruz, CA
Bachelor of Arts Degree
- Double Major: Language Studies (Linguistics) and Modern Literature