Jennifer Wu

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Education

University of Waterloo – Candidate for Bachelor of Computer Science, Class of 2023

Skills

Languages – JavaScript, TypeScript, Ruby, Elixir, Python, HTML, CSS/SCSS

Web Tooling – React, Redux, GraphQL, CSS-in-JS, Ruby on Rails, Ember.js, Jest, Mocha, Cypress

Tooling – Git, SQL, Kafka, Terraform, AWS S3, Bash

Experience

NerdWallet | Software Engineer Intern   Jan 2022 – Apr 2022

- Revamped configurations and code across three major repositories to support unified tooling, integrating formerly complex tools and enforcing best practices in the process
- Implemented, instrumented, and tested new frontend components using React, Redux and GraphQL, improving engagement in the Personal Loans PreQual flow and across NerdWallet web articles

PagerDuty | Software Developer Intern (Frontend team)   May 2021 – Aug 2021

- Led a revamp of the invoices service to use React, Redux, and AWS S3, decreasing page loading time by 87% and driving the team's long term architecture goals
- Migrated standalone apps to containers, improving UI consistency and performance on pagerduty.com

PagerDuty | Software Developer Intern (Sustainability team)   Sep 2020 – Dec 2020

- Used React, Redux, and Ruby to display incident details, supporting an initiative to refactor functionality out from a monolith to microservices
- Dynamically partitioned Kafka to reduce strain on partition supervisors caused by excess traffic
- Created tools for the company's internal platform in Elixir to solve issues introduced by remote work

Hack the North Organizing Team | Frontend Developer   Mar 2020 – Jan 2021

- Used React, GraphQL, and CSS-in-JS to build the ↺ 2020 attendee dashboard, which received 169k pageviews over the course of the event
- Built the ↺ 2020 hacker application platform, processing 5000+ applications
- Created the ↺ 2020 website with React and CSS-in-JS to attract an average of 26k monthly pageviews

FreshBooks | Full Stack Developer Intern (API team)   Jan 2020 – Apr 2020

- Improved the third-party developer experience with Ember.js while spearheading discussion with Design and Product on Developer Portal revamps
- Created endpoints with Python and updated microservices to align with JSON:API standards

Projects & Hackathons - ↺ Devpost

↺ LitDubs | BrickHack 2019 (Best Use of GCP) – Automated translation and dubbing over of videos

RUHacks, StarterHacks – Mentored several students on programming and hackathon advice

Interests

- Open-world video games, skiing, webtoons, reading, trying to draw