

FX Wood

Full Stack Developer

fxwood2@gmail.com

253-740-4017

github.com/fx-wood

linkedin.com/in/fx-wood

http://fx.codes

Full-stack software engineer and experienced collaborator. Currently working on a Chrome/Firefox extension that integrates with one of my favorite web services. I'm also exploring containerized deployment with Kubernetes and GCP. I love to code, learn new things, and ski!

Technologies

Languages: Javascript, Python, HTML, CSS, SQL, Go

Frameworks: React.js, MongoDB, Postgres, Mocha.js, Pytest, Django, Express.js

Etc: Git, Node.js, reCharts, OAuth, JSON Web Token, REST APIs

Projects

Dicemagic.Beyond – Building a chrome/firefox extension that integrates with D&D Beyond

- ⇒ Relies on 3rd-party API for cryptographically secure randomness.
- ⇒ Currently transitioning from polling to MutationObservers to detect DOM changes
- ⇒ Uses browser APIs for communication, storage, and identity
- ⇒ Animates with recursive calls to requestAnimationFrame

Mountain Road– find other skiers, snowboarders, and snow-seekers to carpool with.

- ⇒ Implemented MongoDB database with mongoose ODM and Express.js on the back end
- ⇒ Used JSON Web Tokens to authenticate users
- ⇒ Created a React front end with Material UI components and theme provider

DMTools– Infinitely customizable worldbuilding tool for authors, creatives, and DMs

- ⇒ Wrote a Flask middleware to prevent browser caching of outdated static files in dev environments
- ⇒ Made a dynamic, animated UI element for the creation of new entity resources

Extra – create flash cards in markdown, text, or with automatic definitions

- ⇒ Created a PostgreSQL database and used Sequelize ORM
- ⇒ Served content with Express.js and used a local session auth strategy
- ⇒ Implemented a click-and-hold interface allowing users to edit content on the fly

Additional Experience

2nd Assistant Director *freelance, January 2018 – February 2019*

- Shepherded talent through hair/makeup/wardrobe
- Prepared breakdowns in advance of principal photography
- Generated next day's call sheet from advance schedule by allocating time to scenes and prep

Production Assistant *freelance, March 2015 – February 2019*

- Managed background performers while in holding
- Organized equipment rentals by working with vendors and stakeholders to optimize routing and pickups
- Prepared beverages for VIPs

Education

General Assembly, Web Development Immersive -- class of April 2019

Central Washington University, Bachelor Fine Arts -- class of 2015