Michelle Flandin

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Portfolio: michellef.dev

EDUCATION

Oregon State University - B.S. Computer Science *(4.0 GPA)*   *Anticipated Graduation:* **Apr 2026**
- Relevant Coursework: Introduction to Computer Science, Discrete Structures in Computer Science

University of British Columbia - B.A. Spanish Studies   *Graduation:* **Apr 2016**
- Relevant Coursework: Computation and Programming, Models of Computation

TECHNICAL SKILLS

Languages: Python (3yrs), JavaScript (3yrs), Ruby (1yr), HTML (10yrs), CSS (10yrs)
Frameworks: React (2yrs), Django (2yrs), Next.js (1yr), Ruby on Rails (1yr)
Databases: MySQL (2yrs), SQLite (1yr), PostgreSQL (1yr)
Tools: GitHub (3 yrs), Docker (2yrs), Heroku (2yrs), PowerShell (2yrs), RSpec, Buildkite, ESLint

WORK EXPERIENCE

Gumroad Inc., San Francisco, CA   **Jun 2024**
Software Engineer Intern
- Won one of three intern positions by competing in a hackathon to recreate the Gumroad website.
- Improved the codebase by pushing pull requests for new features, bug fixes, flaky specs, and database changes using **React**, **JavaScript**, **Ruby on Rails**, and **PostgreSQL**.
- Ensured high code quality by developing and executing unit tests using **RSpec**.
- Collaborated within a GitHub-based workflow and utilized **Buildkite** for CI/CD processes.

General Technologies Corp., Delta, BC   **Apr 2016 – May 2024**
Administrator and Developer
- Developed **Python**, **Django**, and **React** applications that automated workflows, reducing manual data entry by over 50% and reducing data entry errors by 10%.
- Designed and managed the company's e-commerce website, increasing monthly sales from $1,000 to over $10,000 and boosting monthly customer engagement from several thousand views to over 30,000 views.
- Managed daily sales, shipping, and bookkeeping for orders valued up to $100,000, ensuring accurate financial records and efficient operations.

FEATURED PROJECTS

Gumroad Hackathon Project | *React, Ruby on Rails, PostgreSQL, Heroku*
- Recreated Gumroad's original e-commerce platform using **React** and **Ruby on Rails**, winning one of three opportunities for an internship at Gumroad.

Production Planner Full-Stack Application | *React, Django, MySQL, Docker, Heroku*
- Developed a **Django-React** web application, featuring a **MySQL** database, that integrates with QuickBooks API.
- Built predictive algorithms to forecast data, automated CI/CD pipelines using **Batch** scripting and **Docker**, and scheduled backups and error monitoring via **Python**.

Automated Order Management Script | *Python, Tkinter, OpenPyXL*
- Created a user-friendly standalone GUI application using **Python** and **Tkinter** to streamline file processing and data entry.

LEADERSHIP & COMMUNITY

- Amateur chess player in the Vancouver Social Informal Chess League (SICL).
- Member of the RK Women's Disc Golf League (weekly player and tournament volunteer).