

Michelle Flandin

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EDUCATION

Oregon State University

Bachelor of Science in Computer Science

Corvallis, OR

May 2024 – Present

- GPA: 4.0
- Expected Graduation: April 2026
- Relevant Coursework: Introduction to Computer Science, Discrete Structures in Computer Science

University of British Columbia

Bachelor of Arts in Spanish Studies

Vancouver, BC

Sep. 2010 – Apr. 2016

EXPERIENCE

Software Engineer Intern

Gumroad Inc.

June 2024

San Francisco, CA

- Won one of three internship positions through a Hackathon to recreate the Gumroad platform in Rails and React.
- Enhanced the codebase by submitting pull requests that implemented features in React, JavaScript, Ruby on Rails, and PostgreSQL.
- Collaborated on GitHub code reviews, integrating feedback to enhance code quality.
- Deployed a key update to production, alerting users of subscription price changes.
- Implemented unit tests with RSpec, including fixing flaky specs.
- Utilized CI/CD tools like Buildkite and code linters such as ESLint to identify bugs and improve code reliability.

Administrator and Developer

General Technologies Corp.

Apr. 2016 – May 2024

Delta, BC

- Automated workflows with Python, Django, and React, reducing manual data entry and errors.
- Designed and maintained the company's e-commerce site, and increased monthly sales by 500% through enhanced SEO strategies and user-centric design.
- Managed sales operations, including customer service, shipping, and bookkeeping for orders up to \$100,000.
- Hired and trained new members of the administration team.

PROJECTS

Gumroad Hackathon Project | *React, Ruby on Rails, PostgreSQL, Heroku*

May 2024

- Rebuilt Gumroad's e-commerce platform, winning one of three internship positions in a competitive hackathon.
- Deployed on Heroku, utilizing Rails Active Storage for user data uploads and profile management.

Production Planner Full-Stack Application | *React, Django, MySQL, Docker, Heroku*

Jan. 2024

- Developed a full-stack Django-React application to streamline production planning.
- Integrated MySQL with QuickBooks, enabling seamless data flow and real-time updates for users.
- Employed data hashing to enhance database lookup efficiency and enable rapid data predictions.
- Scripted automated backups and error monitoring with Python, to protect data and ensure operational efficiency.

Automated Order Management Script | *Python, Tkinter, OpenPyXL*

Aug. 2024

- Created a standalone GUI application in Python with Tkinter, packaged using PyInstaller for user accessibility.
- Implemented the OpenPyXL API to manipulate Excel data, achieving a 90% reduction in manual data entry.
- Developed custom algorithms to optimize order selection and increase sales.

TECHNICAL SKILLS

Languages: Python (3 yrs), JavaScript (3 yrs), Ruby (1 yr), HTML (10 yrs), CSS (10 yrs)

Frameworks: React (2 yrs), Django (2 yrs), Next.js (1 yr), Ruby on Rails (1 yr)

Databases: MySQL (2 yrs), SQLite (1 yr), PostgreSQL (1 yr)

Tools: GitHub (3 yrs), Docker (2 yrs), Heroku (2 yrs), PowerShell (2 yrs), RSpec, Buildkite, ESLint