

# Brittney Oeur

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## SKILLS & TOOLS

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**Languages:** JavaScript, TypeScript, HTML, CSS, Python, C++, SQL, R

**Front-End:** React, Next.js, Vite, Tailwind CSS, Figma

**Back-End & Tools:** Node.js, Express.js, MongoDB, AWS Cognito, Auth0, Git

**Other Tools:** Vercel, OpenCV, Jupyter Notebooks

## EDUCATION

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**University of Washington, Bothell**

March 2022 – June 2024

Bachelor of Arts in Applied Computing, Minor in Informatics

- **Related Coursework:** Data Structure, and Algorithms, Software Engineering, Cyber Security, Artificial Intelligence, and Computer Vision

## WORK EXPERIENCE

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**Digital Illustrator & Graphic Designer** | Freelance

June 2015 – June 2022

- Delivered commissioned artwork and branding assets via digital platforms
- Designed and deployed a responsive portfolio site using HTML, CSS, and Vercel
- Maintained client communication and project delivery pipelines independently satisfaction

**Data Entry Clerk** | Law Offices of Reams Goodloe

February 2019 – February 2020

- Maintained digital directories and verified legal data for patent documentation
- Provided basic IT support: installed/upgraded software (Windows, MS Office), configured hardware and office equipment

## TECHNICAL PROJECTS

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**Mood Book** | Next.js, Node.js, Tailwind, MongoDB, AWS Cognito

- Built a full-stack mood tracking web app with a responsive UI using Tailwind CSS and Next.js
- Integrated AWS Cognito for secure authentication and user account management
- Created a calendar view to visualize and track mood trends by date
- Implemented RESTful API routes to connect frontend interactions with a MongoDB database

**Lippie Finder** | React, Vite, Node.js, Makeup API

- Designed and built a lip product search platform using React and the Makeup API
- Implemented brand filtering and interactive product tiles with hover animations and modal views
- Integrated routing, state management, and hover interactions for product detail views

**Personal Website** | TypeScript, React, Next.js

- Designed and developed a personal portfolio using Next.js, React, and TypeScript
- Showcased details including an about, contact, resume, and list of projects

**Nintendo Game Chip Detector** | C++, OpenCV

- Developed a computer vision application to detect and identify DS/3DS game chips from images
- Handled preprocessing tasks such as grayscale conversion and edge detection for object recognition
- Implemented OpenCV methods such as SIFT/ORB algorithms, template matching, co-occurrence matrices, and color histogram to enhance detection accuracy