Brittney Oeur

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SKILLS & TOOLS

Languages: Python, C++, JavaScript, TypeScript, HTML/CSS, SQL
Tech Stack: React, React Native, Next.js, Tailwind, Node.js, Express, MongoDB, AWS, Git, Figma

EDUCATION

University of Washington, Bothell   March 2022 – June 2024
Bachelor of Arts in Applied Computing, Minor in Informatics

WORK EXPERIENCE

SpaceX | Starlink Production Technician   July 2025 – Current
- Build small electrical sub-assemblies, component kitting and measurement.
- Support the development of prototype test capabilities for component development and life tests.
- Assisted engineering to drive the root cause of production yield issues and improve delivered avionics hardware quality. Thoroughly document failure modes and use data to continually improve quality.

Freelance | Digital Illustrator & Graphic Designer   June 2015 – June 2022
- Delivered commissioned artwork via Fiverr and promoted services on social media, using SEO practices to increase visibility.
- Maintained clear communication with clients, managing expectations, revisions, and deadlines independently to ensure client satisfaction.

TECHNICAL PROJECTS

OTC Vision | TypeScript, React Native, Expo, AWS Lambda, Google Cloud Vision
- Developed a cross-platform mobile app to scan and identify OTC medications, delivering detailed drug information.
- Integrated Google Cloud Vision OCR to detect packaging and extract medication text with high accuracy.
- Deployed AWS Lambda functions as a secure proxy to handle API requests and protect sensitive keys, improving scalability and security.
- Improved testing results to 90%+ accuracy in packaging recognition, enhancing reliability and user trust.

Mood Book | Next.js, Node.js, Tailwind, MongoDB, AWS Cognito
- Developed a full-stack web application for mood tracking and journaling, focused on user-friendly design and secure data handling.
- Implemented AWS Cognito for secure user authentication and account management, ensuring protection of sensitive personal data and enabling user-specific entries.
- Integrated a calendar view that allows users to visualize and monitor mood trends over time.
- Built RESTful API routes using Node.js to handle CRUD operations, connecting frontend interactions to a MongoDB database for efficient and scalable data storage.

Custom Mechanical Keyboards (Ongoing) | Keyboard Assembly, QMK/VIA, PCB Troubleshooting, Switch Lubing
- Assembled and configured mechanical keyboards for friends and family based on individual preferences.
- Diagnosed and resolved issues with switches, PCBs, firmware (e.g., QMK/VIA), and key mapping.
- Soldered components and selected compatible switches, PCBs, stabilizers, keycaps, and cases.
- Lubed switches and stabilizers to enhance typing smoothness and reduce noise.