Tyler Gee

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EDUCATION

- **University of Washington** — Seattle, WA
  B.S. in Computer Science; GPA: 3.92 — *Expected June 2025*

EXPERIENCE

- **Co-founder** — Jun 2024 - May 2025
  Cabin Audio
  - Built JUCE plugin with complex user interface in C++, allowing real-time DSP to modify system-wide audio.
  - Integrated Stripe payments and AWS backend
  - Built React web app to let users calibrate sound quality improvements with Web Audio Kit, using Zustand/IndexedDB backend.
  - Filed provisional patent for a novel method to improve sound quality of headphones.
  - Received an interview with prominent startup accelerator Y Combinator.
  - Headlined at Demo Day for DubHacks Next, an undergraduate startup program at the University of Washington.

- **UX Intern** — Jun 2022 - Oct 2023
  RacquetPass (startup)
  - Partnered with the founders to design QR-based racquet stringing web-app.
  - Built UX design document with 100+ screens used directly by developers, saving $1,000 on in-house design fees.
  - Accelerated launch by coding Python web-app to automate QR creation.
  - Received full-time offer, and presented with opportunities to co-found future ventures.

- **SWE Intern** — Jun 2020 - Aug 2020
  Manceps (startup)
  - Built front-end of iOS app in SwiftUI (AI image classification app 'Botigy').
  - Self-taught SwiftUI by completing an online Stanford course.
  - Accelerated the project timeline by 2 weeks by designing a temporary UI during the search for a UX Lead.
  - Regularly met with CEO, UX Lead, Project Manager, and Backend Dev to integrate the design and backend with the front-end, leading to a successful beta launch and final product release.

- **SWE Intern** — Jun 2019 - Aug 2019
  Manceps (startup)
  - Designed, built, and published iOS app in UIKit (AI word-prediction app 'Unredactor').
  - Worked with team including CEO, a Data Scientist, and 4 interns to integrate the iOS app with the backend and web app.

PROJECTS

- **Music Visualizer Web App (cabinvisuals.com)**
  React, Node.js, Supabase, React Three Fiber
  - Full-stack web app to create complex music-synced visualizations with live 3D rendering and export.
  - Used React for frontend, with Supabase backend/auth, and React Three Fiber for rendering.

- **Birthday Reminder App**
  React, Node.js, MongoDB
  - Full-stack web app to send birthday reminder emails to users using MailChimp API.
  - Used React for frontend, Node.js and Express.js for the backend, and MongoDB for the database.
  - Built Admin page with Firebase authentication for managing birthday gift recommendations.

- **iOS Cloud-Synced Todo App**
  Xcode, CloudKit, Core Data
  - iOS app to collaboratively create homework todos with people in the same classes.
  - Used CloudKit to automatically sync data across devices using iCloud, and Core Data for local persistence.

PROGRAMMING SKILLS

- **Languages**: C++, JavaScript, TypeScript, Swift, Java, Python **Technologies**: React, Node.js, Git, SwiftUI, Cursor, Figma