

# GRIFFIN VELICHKO

250-938-7187 | griffin.velichko@gmail.com | linkedin.com/in/gvelichko/ | gv1000.com | Vancouver, BC

## EDUCATION

### University Of British Columbia

Vancouver, BC

Double Major in Computer Science and Business

Expected Graduation: Dec 2025

- **Cumulative GPA:** 3.95/4.33
- **Relevant Completed Courses:** Applied Machine Learning, Intermediate Algorithm Design & Analysis, Algorithms & Data Structures, Intro to Software Engineering, Intro to Computer Systems, Intro to Relational Databases

## TECHNICAL SKILLS

**Languages:** Swift, JavaScript, TypeScript, Java, SQL, HTML/CSS, Python

**Tools and Frameworks:** SwiftUI, UIKit, Google Firebase (Firestore, Auth), MongoDB, Oracle, Git, SciKit-Learn, OpenAI API, Whisper.cpp, JUnit, React, Node.js, Next.js, Mocha, Chai, REST APIs, XCode, VSCode, IntelliJ

## EXPERIENCE

### Front-end Web Development Contractor

Sep 2023 – Mar 2024

Stack Modular Structures

Remote

- Created a user-friendly webpage through iterative UI updates to the WordPress site using HTML
- Aligned the website with branding and strategic goals by revitalizing website through collaboration with the marketing lead

### Finance and Business Development Intern

May 2023 – Aug 2023

Metronomics

Whistler, BC

- Enhanced software coherence across the company by integrating APIs and webhooks, such as connecting TicketSpice webhooks to Stripe's API using JavaScript hosted on Glitch
- Developed comprehensive financial dashboards in Excel and Fathom for company entities, facilitating data-driven leadership meetings, and presenting P&L comparisons with actuals, forecasts, and approved metrics

## PROJECTS

### Shout Score App | SwiftUI, XCode, SFSpeechRecognizer, Git

Jan 2025

- App Website Link: <https://gv1000.com/shoutscore>
- Built and shipped the Shout Score MVP to the App Store in two weeks, delivering a fully functional voice recognition scoring app
- Evaluated Whisper.cpp and SFSpeechRecognizer Voice-to-Text models by testing voice recognition accuracy, latency, and real-time capabilities in sports scoring scenarios
- Achieved a 5 star rating on the App Store by incorporating feedback from beta testers to build an intuitive user interface in SwiftUI

### CMPETE App | SwiftUI, UIKit, XCode, Google Firebase, Google Firestore, Firebase Authentication, Git

Dec 2024

- App Website Link: <https://cmpete.com>
- Developed reliable authentication and user data management by integrating Firebase Auth and Firestore, enabling a secure and scalable platform for user accounts and event tracking
- Enhanced app performance with lazy-loading and pagination for the Post View, reducing unnecessary backend calls by loading posts incrementally, optimizing data usage and ensuring a smooth browsing experience
- Enabled live social interaction features with real-time comment and event updates using Firestore listeners, supporting a dynamic and engaging user experience

### Lettertrail.com | JavaScript, Next.js, React, VSCode, Chakra UI, Git

Aug 2023

- GitHub Link: <https://github.com/griffinvelichko/LetterTrailGame>
- Built a fast and dynamic web game utilizing the Next.js framework that implements various API's
- Designed an easy-to-use and intuitive UI utilizing components from the Chakra UI library
- Utilized the WordsAPI by dpventures to systematically check if words submitted by game users are legitimate

## COMMUNITY INVOLVEMENT

### Volunteer - Treasurer

April 2023 – Present

UBC Ski and Board Club

Vancouver, BC

- Manage over \$100,000 in annual transactions for the club, overseeing financial inflows and outflows to maintain accurate records and support club initiatives and events
- Increased financial transparency by implementing weekly financial summaries, ensuring clear communication with club executives on budget allocations and spending