

# David Song

✉ [davsong@uw.edu](mailto:davsong@uw.edu) | 🌐 [davsong.com](http://davsong.com) | [in mrdavidsong](https://www.linkedin.com/in/mrdavidsong) | [ig randofan](https://www.instagram.com/randofan)

*David Song is a freshman at the University of Washington majoring in computer science with two years of programming experience*

## SKILLS

**Languages** : Java • JavaScript • HTML • CSS  
**Technologies** : Git • Android • Google Drive API • Node.js • Express  
**Tools** : VSCode • Android Studio • MS Office  
**Professional Skills** : Growth Orientated • Leadership • Teamwork • Driven

## EDUCATION

### University of Washington

BACHELOR OF SCIENCE – COMPUTER SCIENCE

Seattle, WA

Expected Graduation: **June 2025**

### Skyline High School

HIGH SCHOOL DIPLOMA, *Summa Cum Laude*

Sammamish, WA

**September 2017 – June 2021**

INTERNATIONAL BACCALAUREATE CAREER PROGRAM DIPLOMA – COMPUTER SCIENCE

GPA: 4.0 | National Honor Society

Relevant Coursework: Intro to Computer Programming (IB), Calculus I

## RELEVANT PROJECTS

### Lap Timer Mobile App | Personal Project

**June 2021 – Present**

- Developed an **Android (Java)** stopwatch app for coaches and athletes to simultaneously track the lap times for up to 8 participants.
- Implemented seamless compatibility for different device screen sizes and orientation changes.
- Currently available on the Google Play Store in Internal Testing and planned for release to iOS using **Flutter**.

### VaxTrack Website | High School Group Project, **Project Manager**

**May 2021 – June 2021**

- Oversaw the development of a website for employers to collect and archive employee vaccination statuses using **MongoDB**, **Node.js**, and **Express (JavaScript, HTML)**
- Designed the entire website UI and detailed a project charter.
- Supervised the 5-person team with daily standups and a Gantt Chart to monitor progress, reallocating team members to wherever progress was slower than expected.

### **Attendance Report** | Personal Project

**June 2021 – August 2021**

- Identified and remedied an inconvenience for student club presidents at Skyline High School.
- Built a **Maven Java** project to improve the ease of record keeping for high school club leadership by automating the retrieval of attendance from Google Forms located on Google Drive using the **Google APIs**.
- Currently employed by 4 clubs (all 15+ members) at Skyline High School.

### **Volcano Tracker Lab** | International Baccalaureate (IB) Internal Assessment

**November 2020 – January 2021**

- Automated the data collection for an IB Mathematics Higher-Level lab assignment by parsing 42 pictures obtained from the U.S. Geological Survey of the 2018 Kīlauea Volcanic Eruption in Hawaii using **Java**.
- Applied object-oriented concepts to draw and calculate the lava flow's change in total surface area and leading edge over the course of the eruption, outputting to a Microsoft Excel spreadsheet (.csv file).