

Bill Song

Penultimate(3rd) year Software Engineering student passionate about solving problems and making lives easier.
Currently looking for a software engineering internship.

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Education

University of Auckland

2019-2022 graduation

- BE (Hons), Software Engineering: **GPA 8.3/9** (A/A+ Average)
- Diploma in Languages (French): **GPA 7.5/9** (A Average)
- Engineering Deans Honours List: Top 5% of cohort. (2020, 2019)

Westlake Boys High School

2014-2018

- NZQA Outstanding Scholar: Top 60 students in the country, \$15,000 NZD awarded.
- NZQA Scholarship Exams: 1 Outstanding grade (top 0.3%), 8 Scholarship grades (top 3%)
- UoA Academic Potential Scholarship: \$6,000 NZD awarded.

Skills

- Java, C#, C, Python, React, JavaScript, HTML, CSS, SQLite, SQL, GraphQL, XML.
- Android SDK(Java), Web Development.

Projects

SleepLog (github.com/Billsong19/SleepLog)

Java, Android SDK, SQLite

- An android app, SleepLog is a minimal way of tracking sleep.
- Logs and visualises sleep data to build and maintain healthy sleep habits.
- Learnt **Android SDK (Java)** and **SQLite**.

Personal Website (billsong.nz)

ReactJS, HTML, CSS, GraphQL

- Personal website built to showcase photography portfolio and programming projects.
- Learnt **ReactJS/HTML/CSS** and **Gatsby.js**, deployed with Netlify.

PeerCrastinate

Java, Android SDK, MongoDB

- Developed during the SESA/WDCC Hackathon in a team of 5, with the theme "Pro-crastination".
- Adds a competitive twist to procrastination: Users aim to be the best procrastinator among friends.
- Key contributions to ideation, front-end development, and API calls.

Work Experience

Teaching Assistant - Blockchain

University of Auckland

2021-Ongoing

- Learning and preparing course content for a brand-new post-graduate Blockchain course.
- Providing technical support for tutorials using blockchain platforms **CENZZnet** and **TCS Quartz**.
- Mentoring and assessing 11 students.

Private Tutor**MyTuition/Self-employed**

April 2019 - Ongoing

- Tutored 4 students 1-on-1 over the course of two years, both in-person and online.
- Average lesson rating of 5/5.
- Helped triple grade of struggling A level Maths student.

Foreign Language English Assistant**La Source Ecole Nouvelle, Paris, France**

Dec 2018 - Jan 2019

- Conducted conversation practice in small groups, students aged 6-18 y/o.
 - Provided active project assistance and assignment feedback.
 - Created, co-ordinated, and executed a 50-participant English skills competition with a team of 5 assistants.
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Extracurricular**Photographer, Marketing team****Developers Society**

2021-Ongoing

- Event photography for the biggest student tech club in New Zealand.
- Event pictures have generated a total reach of 5640 and engagement of 1800, helping increase page likes by 23%.

Manager/Player**UNIM8s Social Basketball Team**

2019-Ongoing

- Starting point guard, vocal on-court leader with back-to-back 2nd place finishes in Open C grade.
- Administrative tasks including player management, financials, arranging practice.
- Averaging 9 points per game this season.

Member of Snowsports Club, Rock and Alpine Club, Software Engineering Student Association.

References available upon request