Bill Song

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Penultimate(3ʳᵈ) year Software Engineering student passionate about solving problems and making lives easier.

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.	2018
• NZQA Scholarship Exams:	1 Outstanding grade (top 0.3%), 8 Scholarship grades (top 3%)	
• UoA Academic Potential Scholarship:	$6,000 NZD awarded.	

Work Experience

Teaching Assistant – Blockchain   (May 2021-Ongoing)   **University of Auckland**
- 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   (April 2019 – Ongoing)   **MyTuition/Self-employed**
- 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   (Dec 2018 - Jan 2019)   **La Source Ecole Nouvelle, Paris, France**
- 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.

Skills
- Java, C, Python, MATLAB, React, JavaScript, HTML, CSS, GraphQL, SQLite, SQL, 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.

Extracurricular

Photographer, Marketing team: Developers Society   2021
- 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
- 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.

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

References available upon request