Bill Song

- Penultimate(3rd) year Software Engineering student passionate about solving problems and making lives easier.
- Experienced in Java, Javascript, C.
- Ever-curious student and excellent communicator owing to a background in teaching/tutoring and team sports.

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Education

University of Auckland (2019-2022)
- 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 New Zealand, $15,000 NZD awarded.   2018
- UoA Academic Potential Scholarship: $6,000 NZD awarded.
- NZQA Scholarship Exams: 1 Outstanding grade(top 0.3% in subject), 8 Scholarship grades(top 3%)
- CIE A level: 4xA*.

Work Experience

Teaching Assistant – Blockchain INFOSYS702   (May 2021-Ongoing)   **University of Auckland**
- Learning and preparing course content for delivery for INFOSYS702-Blockchain, a brand-new course.

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.

Projects

SleepLog (github.com/Billsong19/SleepLog**)**   **Java, Android Library, SQLite**
- An android app, SleepLog is a minimal way of tracking sleep.
- Logs and visualises sleep data to build and maintain healthy sleep habits.

Personal Website (billsong47.netlify.app**)**   **ReactJS, HTML, CSS, GraphQL**
- Personal website built to showcase photography portfolio and programming projects.
- Developed using Gatsby.js, deployed with Netlify.

Quinzical   **Java, Bash, Linux**
- Developed with a partner, using git version control for collaboration.
- Fully functional quiz game with text-to-speech questions, using Java, JavaFX, and Bash.
- Aims to promote and expose New Zealand culture through trivia.

Extracurricular

Developers Society: Photographer, Marketing team   2021
- Event photography for the biggest student tech club in New Zealand.
- Event pictures have generated a total reach of 3440 and engagement of 950, helping increase page likes by 23%.

UNIM8s Social Basketball Team: Manager/Player
- Administrative tasks including player management, financials, arranging practice.
- Vocal on-court leader.

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

Skills

- Java, C, Python, JavaScript, HTML, CSS, GraphQL, XML, MATLAB.
- Android app development, Web Development with GatsbyJS/ReactJS, Git.
- Intermediate/advanced French, Administrative, Teamwork, Teaching(individual and small group).

References available upon request