

# Jaehun Song

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## Education

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University of British Columbia

B.S. Computer Science

*Expected Graduation: 05/2021*

- Relevant Courses: Algorithms and Data Structures, Software Engineering, Relational Databases.
- Languages: Java Spring, C#, JavaScript, Node.js, TypeScript, HTML, CSS, Vue, SQL, React/Redux, Express, Python
- Software: AWS, Microsoft Azure, GCP, MongoDB, Gradle, Docker, Unity, Heroku.

## Work Experience

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Tableau | **Software Engineer Intern**

*May 2020 – Current*

- Implementing and managing services that track and enforce usage quotas as part of the Governance Services team.

UBC Emerging Media Lab | **Project Manager & Technical Lead**

*Sept 2019 – April 2020*

- Led the development of an educational VR experience allowing music students to practice conducting through the Oculus headset.
- Managed a cross-disciplinary student team of developers and designers by defining clear technical requirements, resolving technical conflicts, and regularly delegating work into manageable tasks through an agile based managerial approach. Resulted in an effective team able to consistently ship builds.
- Implemented a new feature allowing a wider range of conducting speeds to be detectable by the program using **Unity** and **C#**, allowing for a more realistic and dynamic conducting experience.

Kodak ULC | **Full Stack Developer Intern**

*Sept 2018 – April 2019*

- Developed an internal web application from the ground up which was used for isolated systems testing of an internal library, as well as acting as a prototype for a new software architectural pattern.
- API web service developed using **Java Spring Boot** and **Gradle**, creating a connection between the web interface and the internal library.
- Web interface built using **Vue.js** with client side http channels to the API service.
- Integration of cloud technologies using Azure, and deployment of applications into docker containers.

University of British Columbia | **Code Curriculum Coordinator**

*June 2016 – Sept 2019*

- Created a 6-day programming camp curriculum. Experience was gained in rapid researching, prototyping, testing, and documenting camp activities, to complete the camp schedule within deadlines.
- Taught over 500 children throughout BC, specifically programming concepts through simple examples, strengthening technical communication skills.

## Personal Projects

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[Memofy](#) – A fridge tracking application where users can keep track of shared groceries between roommates.

[Hangul](#) – An educational language based chrome extension that introduces a new Korean word each day.

[nwPlus](#) – Part of a team organizing some of the largest hackathons in the Pacific Northwest.

Travel Website - Development and deployment of a website showcasing my personal travel experiences.

Built a Computer – Bought the parts online and built it at home.