





# Ho Joon (Justin) Chun

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## EDUCATION

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**University of Ottawa**

Sep 2019 – Dec 2023

*Honours Bachelor of Science in Computer Science (CO-OP)*

## SKILLS

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**Programming:** Java, Python, JavaScript/TypeScript, HTML/CSS, Node.js, React, Angular, MySQL, PostgreSQL, LaTeX, Linux, Node.js

**Tools:** GitHub, Visual Studio, Visual Studio Code, WAMP, IBM DataStage Designer, IBM Data Manager, Toad, PowerBI, Android Studio, Tricentis qTest, MS Office (Powerpoint, Word, Excel), Overleaf

**Languages:** English, Korean, Spanish

## EXPERIENCE

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**Quality Engineering Analyst Intern** | *Royal Bank of Canada* | *Toronto, Canada*

May 2023 – Aug 2023

- Made contributions to the growth of the Large Exposure Framework, a crucial program in risk management and data integration
- Leveraged Tricentis qTest to design and execute diverse test cases
- Developed and executed SQL scripts, ensuring robust data verification and integrity
- Contributed to the execution of intricate data processing workflows, showcasing adeptness in utilizing UNIX terminal functionalities

**Product Software Developer Intern** | *Mitel Networks* | *Ottawa, Canada*

Sep 2022 – Dec 2022

- Contributed to a dynamic software project focused on delivering data analytics derived from Voice Over IP conversations, employing Node.js, TypeScript, and Angular technologies
- Implemented unit testing protocols, ensuring the reliability and integrity of the codebase with each modification

**Software Developer Intern** | *March Networks* | *Ottawa, Canada*

Jan 2022 – Apr 2022

- Played an integral role in the ongoing development of the Evidence Vault, a video management software project, utilizing Node.js, TypeScript, and React for frontend components
- Actively participated in Agile development methodologies, conducting daily tasks efficiently through Git, Jira, and Confluence for streamlined collaboration and project management

**BI Developer Intern** | *Canadian Food Inspection Agency* | *Ottawa, Canada*

May 2021 – Nov 2021

- Utilized data management tools including IBM InfoSphere DataStage, IBM Cognos Data Manager, and Toad to construct ETL (Extract-Transform-Load) processes, facilitating the transfer of data from Oracle databases to the Enterprise Data Warehouse
- Crafted and executed SQL queries to ensure and enhance data quality, performing rigorous testing and analysis

**Software Developer Trainee** | *Jinione Systems* | *Seongnam, South Korea*

Jun 2020 – Aug 2020

- Developed a functional app (Metal Detector App), leveraging Android Studio and Java programming language for its creation
- Implemented a data transfer structure to a local MySQL database using a PHP-based server, orchestrated through WAMP, showcasing proficiency in backend data management and connectivity

## PROJECT

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**Longitudinal Sentiment Classification of Reddit Posts** | *Honours Bachelors Project/arXiv Publication*

- Contributed to a comprehensive text analysis on Canadian university students with anxiety, employing sentiment analysis with VADER along with performing classification task using Weka
- Recorded and synthesized results, culminating in a detailed report.

**Metal Detector** | *Android App (Java)*

- Crafted an Android app using Android Studio, utilizing the phone's magnetometer to detect metals

**Space Track** | *Pygame based Video Game (Python)*

- Designed and developed a Pygame shooting game in Python, with interactive sprites and diverse user challenges