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# JUSUNG PARK

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linkedin | Github

## EDUCATION

**Bachelor of Science, Computing Science**                                                    *09/2020 - Present*
Simon Fraser University
- Dean's Honour Roll (2021)

## TECHNICAL SKILLS

- **Proficient:** C/C++, Python, HTML, CSS, JavaScript, React.js, MySQL
- **Skilled:** Express.js, JUnit, Jest, Selenium, Wireshark, AWS tools

## WORK EXPERIENCE

**QA Analyst**                         *Vecima Networks, Inc. Burnaby, BC, Canada*                         *05/2022 – 01/2023*
- Designed test plans to cover all functional requirements for 30+ newly added features on the web platform
- Wrote more than 20 integration tests using pytest and Selenium to merge all regression tests and unit tests for the corresponding staging update, (impact)
- Documented over 50 bug tickets on the company's Confluence page, providing vital information about the bug
- Developed a textbox for specifying the vehicle tracking frequency from 5 to 60 seconds, modifying a javascript file to handle JSON data which requested to server to update the driving report  (impact/reason of the textbox)
- Assisted in 5+ release updates by performing end-to-end testing on the company's web/app portals in the production stage

**Software Engineer Intern**                         *Zeinsoft, Inc. Seoul, Korea*                         *07/2018 – 08/2018*
- Promoted design and development of testing security programs that provide both agents and server managers with over 60 elements of vulnerabilities, including updates in OS, browsers, accounts, and networks
- Performed regular maintenance on the company's in-house developed ZS_WSUS servers, ensuring the stable synchronization of update information and patch data for each MS update, monitored through **Wireshark**
- Developed APIs for users to assess unauthorized processes and ActiveX downloads under their systems in a scale of 100

## TECHNICAL PROJECTS

**SWE Resume Evaluator | *Github* 🔗**                                                    *09/2023 – Present*
- Developed a machine learning model with Naive Bayes classifier in Python, frontend UI in React, API development with Express.js and Swagger, OAuth using Firebase, and CI/CD with Github Actions
- Led a team with 10 SFU students to develop a software-as-a-service(SaaS) web application that allows users to upload their resumes and evaluates their suitability for specific software engineering roles, including SWE, MLE, QA

**P2PPy | *Github* 🔗**                                                    *05/2023 - 09/2023*
- Developed a messaging application with P2P protocols in Python in a team of 5 SFU students
- Applied integrated OOP, Pipenv, and multi-threading techniques to implement CLI where users are allowed to send/receive encrypted messages using each RSA key pair and transfer files

**Airbnb Search | *Github* 🔗**                                                    *10/2022 – 12/2022*
- Created a React web application that recommends the most suitable Airbnb accommodations for travelers in Vancouver
- Preprocessed region-specific Airbnb datasets and assigned weights with GeoPandas to apply user-defined filters

## EXTRACURRICULAR ACTIVITIES

**NewLeafNavi**                         *Fall Hacks 2023(Hackathon)* 🔗                         *10/2023*
- Built a React based web application using Google Maps API and ChatGPT API
- Developed JS and CSS code using rough UI drafts in the team of 5 SFU students

## LEADERSHIP

**Co-Founder / President**                         *SFU OS(Open Source) Development Club* 🔗                         *09/2023 – Present*
- Established an official student-led software development club at SFU with 100+ club members

- Launched 2 software projects, leading teams of 10+ SFU students by managing project pipelines