DANIEL KANG

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SKILL SET

Programming Languages	Java, Javascript, HTML/CSS, Python, VBA
Database	Sonarw (data warehouse), MongoDB, MySQL, MS Access
Tools/Framework	Maven, Tomcat, Vertx, JSF, Eclipse, JUnit, Github
Languages	English, Korean, Japanese

WORK EXPERIENCE

Full Stack Java Developer   Dec 2017 – May 2020

jSonar Inc Canada - Vancouver, BC, Canada

- Maintained a web client for our data lake product built with **JSF Java8** and **Primefaces** UI framework
- Enhanced UX through building an interactive calendar web component to allow users to schedule periodic tasks more intuitively (**Jquery** and **Bootstrap**)
- Reduced loading time of a GUI page from 2 minutes to 1 second through lazy-loading complex database queries
- Initiated refactoring of a core logic involving 300+ local variables by adding an abstraction layer to dynamically handle arbitrary numbers of variables
- Implemented a Splunk add-on with **Python3** to allow Splunk UI to visualize our data lake product
- Wrote unit/integration/system tests against billions of database entries through **Mockito** and **JUnit**

Junior Data Analyst   Jan 2017 – June 2017

CPA (Chartered Professional Accountants) - Vancouver, BC, Canada

- Automated data merging and filtering process of million rows of several excel files inside **Microsoft Access (RDBMS)**
- Implemented an ETL pipeline with **VBA** and **Access SQL** to automate creating statistical reports from CPA exam answer data
- Researched and proposed a new statistical approach to improve the department's reporting and data analysis result

Technical Support Engineer   June 2016 – Dec 2016

GoodWorks Communications Ltd - Vancouver, BC, Canada

- Assisted customers to setup the initial configuration which allows organizations to synchronize their passwords from their local Active Directory site to external Active Directory sites

EDUCATION

The University of British Columbia   May 2016

- Bachelor of Science, Combined Major in Computer Science and Mathematics