SIDHANT VASHIST

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Candidate for **B.ASc**, Management Engineering, **University of Waterloo** – C. GPA 84%

TECHNICAL SKILLS

Development	Python, Java, HTML, CSS, JavaScript, SQL, Swift
Frameworks	Pandas, Django, Flask, BeautifulSoup, Selenium, JQuery
Business Development	AWS, Power BI, Excel, JIRA, Git, Docker
Database	MongoDB, MySQL, SQLite, AWS RDS, AWS RedShift, NoSQL
Excel	VBA, Arrays, Index Match, Pivot Tables, and Power Query

WORK EXPERIENCE

Operations Analyst – RideCo   **May 2019 – Aug. 2019**
- Reconstructed complex SQL data warehouses, which decreased the runtime of existing KPI reports by 38%
- Increased the driver payment processes by 20% through automation of current process
- Developed a tool using RESTful APIs, and Python to analyze and assess potential business opportunities
- Created a Python tool to gather important KPIs surrounding the internal goals, saving 3 hours of weekly effort
- Designed KPI reports for clients and internal monitoring using Power BI and SQL
- Programmed multiple Python scripts to automate trivial tasks such as updating data warehouses and creating and sending daily KPI reports to stakeholders at scheduled time, saving 15+ hours of weekly effort

Business Analyst – RideCo   **Sep. 2018 – Dec. 2018**
- Developed a driver payment tool for Grab, reducing the runtime by 85%
- Investigated and analyzed bugs and drove the solution's implementation
- Analyzed existing programs using simulation tools, to find opportunities for optimization and growth
- Monitored programs to ensure the performance using KPIs such as ridership, and service satisfaction

Project Control Officer – Finastra   **Jan. 2018 – Apr. 2018**
- Developed a new ticket system to track clients related issues, saving $1.5M in potential costs
- Created a daily internal reporting tool with major KPIs using JavaScript, saving 2+ hours of daily efforts
- Designed a tool that helps delegate resources to projects using historical data
- Directed a team of 5 to develop and implement new security protocols in the server

Project Manager – Tech Data   **May 2017 – Aug. 2017**
- Doubled weekly output goals by implementing new processes for distribution of HP products to RBC
- Decreased idle time by 93% using time-study and data analysis to discover ineffective processes

EXTRA-CURRICULARS

Optimization Research Assistant – University of Waterloo   **Jan. 2019 – Present**
- Creating and solving an optimization model for finding optimal bus stop location for a bus route

Co-Founder/Head of Software – Industry 4.0 Design Team   **Sep. 2016 – Feb. 2019**
- Led a team of 6 developers and designers to create the 2019 competition platform and static website

PROJECTS

mySchedule – Swift   **Aug. 2019**
- Designed an app that allows me to schedule my day, keep track of my tasks to do and help schedule my tasks

HomeSrvice – Python, Django, SQL, HTML, CSS   **Dec. 2018**
- Created a bidding platform that allows businesses to bid on customer requested services to ensure lowest price