

# MIJI KIM

☎ 0466 641 083 ✉ [shelbkim@gmail.com](mailto:shelbkim@gmail.com) 📱 [mijikim.netlify.app](https://mijikim.netlify.app) 🌐 [/mijikim](https://mijikim) 📺 [/in/shelkim/](https://in/shelkim/)

## TECHNICAL PROFICIENCY

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Java, Python, JavaScript, jQuery, PHP, Chart.js, D3.js, HTML, CSS, R, SQL, T-SQL, XAMPP, Data Visualisation, Tableau, Data Wrangling, Data Modelling, Unix Bash, Weka, SSMS, UI/UX, Agile, Project Management

## EDUCATION

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### Master of Information Technology

Monash University, Melbourne, VIC

**Mar 2019 – Dec 2020**

GPA: 3.75/4.0, WAM: 82.5

### B.A. in International Studies

Ewha Womans University, Seoul, Korea

**Mar 2014 – Aug 2017**

GPA: 3.57/4.5

### Murdoch College (Secondary Qualification), Perth, Australia

**Jul 2006 – Oct 2008**

## RELEVANT EXPERIENCE

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### BI Analyst/Developer Intern | Transdev Australasia, Melbourne, VIC

**Jan 2020 – Mar 2020**

- Advanced analytical skills implementing BI framework, creating document/reports and a data model
- Developed T-SQL queries to analyse data patterns and executed data modelling using SSMS for Power BI
- Collaborated with a cross-functional team to comprehend the business domain and provide insight

## PROJECTS

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### [Interactive and Narrative Data Visualisation using JavaScript and D3.js](#)

- Created an interactive visualisation to communicate findings from Academy-Award winning films

### [A\\* Pathfinding Algorithm using Python](#)

- Implemented Tresearch procedure with A\* to plan a path from the start node to the goal node

### [Exploratory Data Analysis and Visualisation using Python](#)

- Explored and visualised energy and twitter data with tools including motion chart and linear regression

### [Nature Trail Game in Java](#)

- Developed a program for a person and the computer to compete to gather points for animal sightings

### [IEEE VAST Challenge](#)

- Applied visual analytics to track the flow of procurement transactions using R via RStudio

### **Data Visualisation and Forecasting Pedestrian Traffic**

- Sourced, manipulated, and visualised the dataset with MongoDB, R, and Tableau identifying trends
- Forecasted pedestrian traffic in R and recommended changing tram classes to minimise overcrowding

## OTHER EXPERIENCES

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### Analyst | CBRE, Seoul, Korea

**Aug 2017 – Jan 2019**

- Developed workplace strategy using web-based space profiling tool called MOBY
- Improved leadership skills training MOBY observers to familiarise with software to capture data

### Junior Account Coordinator | Amazon Web Services, Seoul, Korea

**Feb 2017 – Aug 2017**

- Improved organisational skills managing accounts with Salesforce, resulting in 51% revenue increase
- Developed analytical skills writing analysis reports on customers' cloud usage and industry trends

## EXTRA-CURRICULAR ACTIVITY

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### Mentor | Monash Postgraduate Association, Melbourne, VIC

**Aug 2019 – Current**

- Enhanced communication skills while exchanging valuable ideas and information
- Developed leadership skills providing beneficial advice and guidance to a mentee

## REFEREES

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Available upon request