

# Jun Xiang, Lee

+65 8223 2706 | [jxlee92@gmail.com](mailto:jxlee92@gmail.com) | [www.leejunxiang.com](http://www.leejunxiang.com) | Singaporean, H1B1 Visa Eligible

## Summary

Highly Accomplished Product Analyst who has worked with software engineers, data engineers, product managers, and designers to design and deploy both user experience and backend logic of Grab's 3 billion trips per year Transport business. Persistent at building user-first metrics to measure the performance, health, quality, and overall success of the platform, holding product teams accountable for their progress against OKRs through deep dives into causes of status. Currently building an automated platform to scale such metric monitoring and deep dives to bring greater insights for actionability to solve ambiguous problems at a massive scale.

## Experience

### Lead Product Data Scientist (Analytics)

Grab, Singapore

Oct 2017 - Present

- Self-initiated and leading a team of 2 building tools to drive Automated Scalable Insights, focusing on metric monitoring, anomaly detection, root cause attribution, and problem area identification, covering over 300 metrics across Grab, reducing time to insight from 1 week to 1 day, and saving the company USD15m/year.
- Led a team of 3 analysts and drove ~50 data-driven projects from definition to execution: defining metrics, conducting A/B test experiments, and communicating actionable insights to Product, Design, Engineering, and Management teams, growing Grab's Transport business 5x, improving allocation by 33%.
- Tech stack: Flutter, Figma, NodeJS, Python, PrestoSQL, Tableau, AWS EC2, Azure Databricks, PowerBI, ML Studio

### Full Stack Developer

SIMTech, A\*STAR, Singapore

Mar 2017 - Oct 2017

- Developed a workplace productivity and assistive packing app reducing packing error by 99% and time by 50%.
- Tech stack: Cordova, HTML, CSS, JavaScript (AngularJS), .NET, MSSQL, Android (Java)

### Entrepreneur, Founder, Software Product Owner

ZaiBike, Singapore

Oct 2015 - Jun 2017

- Founded the company and led a team of 9, developed a full stack Android app, and raised \$35,000 from incubators, competitions, and a successful Indiegogo crowdfunding campaign.
- Tech stack: Hidden Markov Model, k-Means, Python, Google App Engine, Android (Java)

## Education

### Singapore University of Technology and Design (SUTD)

Bachelor of Engineering, Major in Computer Science and Design (CSD)

2013 – 2016

- Summa Cum Laude, Dean's List for all semesters, Keppel Award of Excellence (top 2 students).
- Coursework in Software Development, Machine Learning, Artificial Intelligence, Entrepreneurship, Analytics.

## Skills

- **Machine Learning:** Azure (Databricks, Synapse), Azure ML Studio
- **Programming:** Flutter, Python, R, SQL (Presto), Java, Arduino, HTML, CSS, Javascript (Angular, Node)
- **Visualisation / Design:** Tableau, PowerBI, Figma, Adobe Photoshop, Illustrator
- **Languages:** Fluent in English and Mandarin (spoken and written).

## Personal Projects

### Unity Game Development, Ongoing

- Going through the Unity Game Dev course.

### Travel Itinerary Planner, Ongoing

- Creating a Flutter app with Node and Python backend, designed on Figma.

### Stove Sensor for Elderly, 2020

- Built an Arduino project to alert instances when the elderly would forget to turn off the stove.

### Flight Price Analysis, 2017

- Created a web scraping app (Python) and used R to analyse the cheapest day to book a flight.

### Mobile Based Multiplayer Game, Murder Mansion, 2015

*Singapore University of Technology and Design (SUTD), 4 members*

- Developed a mobile multiplayer role-playing game using LibGDX framework (Java) using the concepts of game development and design, resulting in over 6,000 installs with a 4-star rating on Google Play Store.

### Smart Switches, Home Intelligence System, 2014 - 2015

*Attachment with Fonda Technologies, Energy Innovation Challenge (EIS) 2015, 2 members*

- Implemented hardware (Printed Circuit Board), software (pcDuino/Python), and Android app (Java) to control electrical sockets from smartphones, winning Merit Award in EIS 2015.

## Awards

### Winner, Golden Helmet, Grab, 2019

- Recognised for out-serving both customers and stakeholders by deriving and suggesting customer-centric insights and products, and showed self-initiative to build internal tools to streamline insight generation.

### Finalist, IT Youth Award, Singapore Computer Society, 2017

- Recognised for having outstanding achievements as a young entrepreneur.

### Winner, LTA Engineering Challenge, Land Transport Authority (LTA), Institute of Engineers Singapore (IES), 2016

- Won with ZaiBike, a smart bicycle sharing system, aimed at revolutionising last mile commute in Singapore.

### Citi Security Award, SUTD, 2016

- Awarded for winning the top project team in a Capture The Flag tournament in the Security module.

### Keppel Awards of Excellence, SUTD, 2015

- Awarded for being the top 2 students in ISTD for Junior Year.

### Merit, Energy Innovation Challenge, Institute of Engineers Singapore (IES), 2015

- Achieved with a smart switch system to control electrical sockets from the convenience of your mobile.