

# Evan Tan Song Kai

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Web Portfolio: <https://evantsk.me>

## EDUCATION

### Singapore Management University

2015 - 2019

**Undergraduate | BSc. Information Systems, GPA: 3.84 / 4.00 (Summa Cum Laude)**

Double Major in Information Systems & Analytics

- Dean's List for AY2016/2017

### University of Southern California

Spring 2018

**International Exchange Student, Marshall School of Business | GPA 3.84/4.00**

- Founders Dilemmas; Management of Small Business; Negotiation; Design for User Experience

### Temasek Polytechnic

2010 - 2013

**Diploma in Information Technology**

- Accenture Prize AY2012/2013 - Awarded to the top graduating student of the Enterprise Business Informatics Track
- Director's List Award AY2011/2012 - Awarded to the top 10% of the cohort

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## RELEVANT EXPERIENCE

### Goldman Sachs 2018 Summer Analyst Program (Operations)

May 2018 - July 2018

- Optimised cash management (profit & loss) by analysing excess margin, implemented a straight through workflow to effectively manage excess margins - \$40,000,000USD optimised since implementation
- Proposed and streamlined existing processes through automation; email scripting which saves ~60 man-hours a year through automated email attachment downloads, and batch file scripting which saves ~20 man-hours a year

### EY Singapore - Advisory, Risk (Cyber Security) Intern

May 2017 - July 2017

- Proposed & developed a proof-of-concept automation tool to automate the evaluation of clients' OS configurations according to hardening benchmarks in C#, using the ASP.NET MVC framework, which seeks to improve daily productivity by ~100%
- Automated the extraction of client's Windows configuration settings through VB scripting
- Researched on penetration testing methodologies and conducted research on large scale security breaches in organisations

### Newera Tools & Machinery Pte. Ltd. - System Consultant

Dec 2016 - May 2017

- Lead the implementation of a cloud-based accounting software in Jakarta, which resulted in better monitoring for upper management and the transition from paper to digital data storage
- Worked with top management to restructure existing business processes within the organisation, resulting in >50% increase in daily productivity

### Singapore Management University

Aug 2016 - Dec 2017

**Research Assistant**

- Co-author on a study on corporate crisis with consumer sentiment analysis of > 1 million tweets, training large sets of data through the labelling of data.
- Research paper submitted to ICA conference at the computational methodology division and Public Relations Review journal

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## SKILLS

- Technical Skills: Java, Python, VBA, SQL, HTML/CSS, JavaScript, Node.js, D3.js, Solidity, Unix
- Tools: Tableau, Sketch, Invision, Truffle / Ganache

## PROJECTS

### BSc. Information Systems: Final Year Project - TripBunny

May 2017 - Dec 2017

- Worked in a team of 6 worked on TripBunny Android Mobile, assisting a startup to create a travel application on the Android Mobile device.
- Took on the role as the Product Owner liaised closely with TripBunny's CEO, where the application developed eventually led to an acquisition of S\$1,000,000.
- Technologies used: Android Studio, Espresso Testing Framework by Google, Java, Microsoft Azure
- Check it out here - <https://play.google.com/store/apps/details?id=co.tripbunny.android.app&hl=en> / <https://invis.io/JKGHQEXFY3>

### Visual Analytics Project

Aug 2017 - Dec 2017

- Worked in a team of 3 to develop interactive data visualisations to gather key business insights related to the travel industry.
- Took on the role as a front-end developer to drive insights through creating visualisation charts, which made use of Tableau (prototyping), Highcharts and D3.js.
- Check it out here! - [http://34.216.96.123/va\\_is428/](http://34.216.96.123/va_is428/)

### Computer as an Analysis Tool

Aug 2016 - Dec 2016

- Explored with operation models to develop a predictive solution for an external organisation, assisting them to predict conversion rates based off existing data collected
- Conducted a multinomial logistic regression to analyse real-time data on Microsoft Excel, using advanced formulas and VBA to model the predictive solution

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## CO-CURRICULAR ACTIVITIES

### Co-Founder & President of SMU Blockchain Club

May 2018 - Present

- SMU Blockchain Club (SMUB) is the first official student-led university club in Singapore, which is set-up under SMU's Institute of Innovation & Entrepreneurship - <https://smublockchain.com>

### J.P Morgan - SMU Enterprise Integration Competition: First Place

April 2017

- Created a prototype that aims to empower marathon organisers to rapidly respond to medical emergencies. With a sports gear, the organising committee will be able to track the condition of all participants in real time. Coupled with analytics, anomalies are detected and immediate assistance can be given to these medical emergencies, with necessary information being seamlessly conveyed through an emergency channel.
- Technologies used: Java, C#, SQL, REST & SOAP Web Services, TIBCO BusinessWorks

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## LEADERSHIP

### Singapore Workforce Skills Qualification

2016

- Attained a Professional Diploma In Leadership and People Management

### Full-time National Serviceman

2013 - 2015

### (NS) Officer Commanding of a Company / (NSF) Scout Platoon Commander

- Currently leading ~150 soldiers within the company by coordinating and conducting training, fitness regime, and outfield exercises to improve the overall performance the company
- Awarded the Best Trainee, where commanders are placed under rigorous and mentally challenging conditions, to eventually lead reconnaissance soldiers.

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## LANGUAGE SKILLS AND INTEREST

**Languages:** Fluent in both English and Mandarin

**Interests:** Travelling (Visited 60 cities in 27 countries), Tennis and Music