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KEN OUNG YONG QUAN

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EMPLOYMENT

Software Engineering Intern	**Datatron Technologies**	**Aug 2017 - Present**

- Integrated our product with Salesforce
- Developed system to match sales leads between different databases

Software Engineering Intern	**Shopee**	**May 2017 – July 2017**

- Built Standardized Search Metrics system that analyzed 200GB of daily logs to compute rolling Click-Through and Conversion rates
- Used Golang scripts with Hadoop Mapreduce to process the data, Influxdb to store the results, Grafana for visualization

Student Teaching Assistant	**NUS School Of Computing**	**Sep 2016 – Apr 2017**

- Tutor for CS1010S Programming Methodology (Python)
- Conducted weekly tutorials and graded students' work

Data Science Intern	**Starhub Mobile Pte Ltd**	**May 2016 – July 2016**

- Developed classification models to identify Chinese online gambling websites
- Set up a local Cassandra cluster for performance testing
- Scrape relevant data to identify trending threads on local forum HardwareZone

PROJECTS

GiveForFree.sg	**Sep 2016 – Nov 2016**

- Worked in a team of 4 to build a second hand online marketplace that raises funds for charities
- Wrote backend in NodeJS and ExpressJS

Sunday Folks Analytics Report	**Sep 2016 – Nov 2016**

- Provide data-driven recommendations for local dessert café, Sunday Folks
- Scraped data off Facebook, Twitter, Instagram, and various review sites
- Built a simple map visualization to show prices of possible rent locations against competitor locations

Gambling Website Classification	**May 2016 – July 2016**

- Collect training data by scraping the web
- Classify websites with 80% accuracy using scikit-learn

TECHNICAL SKILLS

Languages: Python, Golang, R, Java, Javascript, SQL

Frameworks: Flask, NodeJS, ExpressJS

Database: MySQL

EDUCATION

Computer Science Major	**National University of Singapore**	**2015 – Present**

- BSc in Computer Science, Year 3.
- Cumulative Average Point (CAP): 4.86/5.0
- Relevant Coursework: CS238 Decision Making Under Uncertainty (Sep – Dec 17 at Stanford), Business Analytics, Data Structures and Algorithms, Linear Algebra, Calculus, Probability, Software Product Engineering for Digital Markets