

## Julian Keane Shoung

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American Citizen, Singapore Permanent Resident

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### EDUCATION

#### National University of Singapore - Bachelor of Engineering (Computer Engineering)

Expected Graduation Date: May 2020

### EXPERIENCE

#### Data Science Intern

Talent Data Labs, Singapore

*May 2018 – Present*

Develop front-end and back-end for premium-tier interactive dashboard using HTML, CSS, Javascript, Node.js, Express.js, MongoDB (AWS RDS for production)  
Data scraping, processing, and analysis to produce data-driven insights for clients

#### Data Engineer Intern

Singapore Press Holdings, Singapore

*Nov 2017 – Apr 2018*

Built real-time Business Intelligence dashboards for digital media analytics using Sisense  
Used Google Maps API to visualize client-vendor proximity and identify poorly covered areas, reduced map load costs (up to 90%) by implementing KNN algorithm  
Designed backend data structure, data pipelines and automation using R  
Utilized popular APIs (Facebook, Google) for data extraction and visualization

#### Web Developer

Petal Met Sugar, NSW, Australia

*Jan 2016 – Present*

Write supporting code for online eCommerce store using Shopify  
Recommend and implement new website theme, design and features

#### Administrative Assistant

Singapore Armed Forces, Singapore

*May 2014 – May 2016*

Data entry and processing using SAP Software and Microsoft Office  
Developed and implemented improved organizational and documentation practices  
Trained incoming administrative assistants and liaised with engineers on daily workflow

### SKILLS

Experience with Java, C, R, Python, SQL, NoSQL, Verilog, Assembly, Embedded Systems, Microsoft Office, Windows OS, Linux OS, Version Control (Git, GitHub), HTML, CSS, SASS, JavaScript, MongoDB, Express.js, Node.js, Bootstrap, jQuery

### LEADERSHIP

National University of Singapore Student Ambassador  
National University of Singapore Powerlifting Club Founding Member and Treasurer  
Vice-Captain of Anglo-Chinese Junior College Canoeing and Dragon Boat Team  
Patrol Leader of Anglo-Chinese School (Independent) Scout Group

### ACHIEVEMENTS

NUS IoT Datathon 2017 Runner-up  
Singapore Sports Council Sportsmanship Award  
Anglo-Chinese Junior College Courage Award