GOH CHANG KANG, CHARLES

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EDUCATION

National University of Singapore, Singapore   **Aug 2016 - May 2020**
- BComp (Honors with Distinction/Second Uppers/Cum Laude) in Computer Science, Database Systems Focus (Certificate of Merit) | Minor in Management
- NUS Student Exchange Programme at University of California Davis

TECHNICAL SKILLS SUMMARY

- **General Purpose Programming:** Python, Java, Javascript, HTML, CSS
- **Web Development:** React (Intermediate), HTML, CSS, jQuery
- **Other:** Hadoop, Scala, SQL, noSQL (mongoDB)

NON-TECHNICAL SKILLS SUMMARY

Googling, MS-Office, Project Management, Communication, Version Control (GIT), GMAT Score: 700/800
Languages: English (Native Proficiency), Chinese (Limited Working Proficiency)

EXPERIENCE

Visa Worldwide Pte Limited, Singapore   **May 2019 - Aug 2019**
System Administrator (SWE) Intern, Infrastructure Reliability Engineering
- Coordinated with various stakeholders to enhance/build/automate features on a live portal and helped to refactor server code, leading to increased productivity for teams involved
- Created a proof of concept machine learning solution to predict vulnerability types using ML libraries, achieving a >90% accuracy prediction accuracy

Infineon Technologies Asia Pacific, Singapore   **May 2018 - Aug 2018**
System Developer Intern, Development Centre
- Designed and implemented an inventory management system to organize test components for engineers
- Worked with key stakeholders to develop system iteratively

Singapore Armed Forces, Singapore   **Dec 2013 - Dec 2015**
Combat Signaller (Corporal First Class), Full-Time National Serviceman
- Participated in deployment, repair, and recovery of field communications during live-fire exercises
- Represented military formation in an inter-formation cross country championship competition
- Achieved Marksman award for 2 years, and Individual Physical Proficiency Test Gold Award for 2 + 4 years

PROJECTS

UC DAVIS: TapGuard emergency tracking iOS app (https://github.com/charlesgoh/TapGuard) **Nov 2018 - Dec 2018**
- Led a team of 3 to ideate, prototype, and deliver an iOS application in Swift 4 for iOS 12.1 enabling users to automatically notify emergency contacts upon deviation from user-set original routes by a certain radius
- Responsible for UX/UI Design as well as multiple views on the iOS app

NUS Orbital 2017: LevelUP (https://levelup-30839.web.app/: Some features deprecated)   **May 2017 - Aug 2017**
- Created a ReactJS + Firebase web application with a friend matching coaches to clients
- Prototyped UX design: https://youtu.be/BMJ3xJdFREE, Final Demo: https://youtu.be/RmYrawxyJsY)