NG JUN XIANG

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EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY   **Aug 2016 – May 2020**

Bachelor of Science (Information Systems Management), 2nd Major in Analytics (Adv. Tech. Track)
- Graduated Cum Laude, GPA 3.53/4
- Enrolled in IMDA iPrep programme

WORK EXPERIENCE

PAYPAL PTE. LTD.   **May 2019 – Aug 2019**

Software Engineer Intern
- Explored and packaged machine learning techniques into a standalone multi-threaded plugin for generic use cases across Java services to predict consumers' activity and improve user experience
- Integrated plugin into core services to optimise cache hits and size and ran application builds in CI/CD pipeline to ensure smooth integration while exercising the best coding conventions, allowing for better code readability and reusability
- Developed application to query and collate production data on failed customer interactions for effective bug and goal tracking
- Built an audit daemon to process messages from a distributed messaging system, serving as an error monitoring tool

SINGAPORE MANAGEMENT UNIVERSITY   **Jan 2018 – May 2019**

Teaching Assistant
- Part of the teaching team for Computer as an Analysis Tool (IS102), Financial Modelling with Spreadsheets (FNCE6012) and Computational Thinking (IS103) modules for over 100 graduates and undergraduates
- Taught application of advanced MS Excel in real-world business problems and honed students' analytical skills to tackle complex computational problems through data structures and algorithmic design
- Devised grading scheme for graded assignments and coordinated out-of-classroom consultation sessions

PSA CORPORATION LIMITED   **May 2018 – Aug 2018**

Software Development Intern
- Implemented Web, REST and test components for the PortNet X system while adhering to a Service-Oriented-Architecture
- Designed and developed scripts to automate validation of data files and populate databases according to business requirements, cutting operation time by 50%
- Contributed in stages of the Software Development Life Cycle by offering fresh and differing viewpoints

PROJECT EXPERIENCE

BNP PARIBAS WEALTH MANAGEMENT   **May 2018 – Dec 2018**

Solution for Know Your Customer (KYC) Process (Final Year Project)
- Built a cross-functional knowledge management portal to streamline and integrate BNP Paribas' onboarding process, shortening total duration by 80%
- Digital repository to ensure continuation and growth of knowledge and improve communication between the relationship managers and client management team
- Allow stakeholders to dynamically edit the ever-changing business requirements and better manage each of their clients

TECHNICAL SKILLS

Programming Languages:	Dart, Java, JavaScript, Netlogo, Python, Ruby, TypeScript, VBA
Tools & Technologies:	Angular, Flask, Flutter, Git, JavaServer Pages (JSP), Maven, Node.js, Spring, Vue
Operating Systems:	Unix, Windows
Databases:	MongoDB, MySQL, PostgreSQL
Others:	Advanced MS Office, SAS Enterprise Guide/Miner, SAP, Tableau, TIBCO BusinessWorks

EXTRA-CURRICULAR ACTIVITIES / COMMUNITY SERVICE

SMU Climb Team Varsity Member   **Aug 2016 – May 2020**

Represented SMU in over 20 nation-wide competitions. Finalist among 200+ participants in Transend 2017 Novice Category and was nominated for SMU Sports Union Sportsman of the Year in 2018.

SMU Inspirar   **Jul 2016 – Sep 2016**

Part of a Community Service Project involving approximately 150 elderlies at various old age homes and centres by facilitating exercises as an introduction to a healthy lifestyle.