Jonathan Koh Jun Juet

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SUMMARY / SKILLS

Programming	Python ·
Analytics	R · SQL · Microsoft Excel ·
Web/Media	HTML/CSS/JavaScript · Power BI · Flask
Management	Business Strategy · Project Management ·
Others	Bash Terminal · sed/awk/grep · Regular Expression ·

WORK EXPERIENCE

Alibaba Group, DAMO Academy, Machine Intelligence, Speech Lab   **Singapore**

Data Engineer   Aug 2020 – Dec 2020

- Supported the team with duties focusing on natural language processing, speech recognition and synthesis
- Performed text/string processing using the bash terminal and command-line utilities such as grep, awk and sed
- Carried out text normalisation using regular expressions which is a form of pattern matching for strings
- Ad-hoc duties included web crawling, thorough testing of software for clients and facilitating the continuous testing and re-training of the team's in-house AI models using new data collected
- Responsible for the communication and collation of business queries and requirements from clients

University Hall, UCafé   **Perth, Australia**

Strategic Planning Manager Intern (UCafé Testimonial available on request)   Jul 2019 – Nov 2019

- Lead 3 student directors alongside 6 team members with strategic-related decisions using data-driven evidence
- Facilitated level of strategic planning required to better define how space is being used
- Increased weekly average sales by 16% and customer base while given shortened working hours
- Liaised and worked with the Principal of University Hall regarding sustainability and strategic-related decisions for the café

OCBC Bank – GST Application Services Department   **Singapore**

Consumer Banking Intern (OCBC Letter of Reference available on request)   Mar 2015 – May 2015

- Increased customer service level by collaborating with other interns to perform activities such as data collection, cleaning, manipulation, and analysis of critical system points such as ATMs and Internet Banking
- Conducted anomaly detection and analysis of system response time for decision making among directors
- Controlled selection and retrieval of essential data from complex databases to fulfil business queries and support operations

EDUCATION AND QUALIFICATION

University of Western Australia   **Perth, Australia**

Bachelor of Science (Double Major in Data Science and Management) (GPA: 5.5 out of 7.0)   Jul 2018 – Jul 2020

- Coursework: Statistics, Analysis of Experiments, Data Structure and Algorithms, Computer Analysis and Visualisation, Data Warehousing, Agile Web Development, High Performance Computing
- Utilised computer architecture by successfully implementing parallelised code using C and Message-Passing Interface (MPI), saving time, and achieving an efficient level of data processing
- Acquired, cleaned, and analysed open-sourced data sets and presented them using a range of data visualisation tools such as Power BI, R and Python (MATLAB)
- Worked well in a team of 4 and contributed greatly to build a website using HTML, CSS, JavaScript and Flask, a python micro-framework that allows server-side rendering of web pages
- Management Relevant Coursework: Project Management, Leadership, Entrepreneurship, Strategic Management, Supply Chain Management

Nanyang Polytechnic, School of Information Technology **Singapore**

Diploma in Business Informatic (GPA: 3.1 out of 4.0) Apr 2013 – Apr 2016

- Admitted to Director's List (Polytechnic Diploma Transcript available on request)
- Supported OCBC Bank with Data Analytics
- Relevant Coursework: Web Applications Development, E-Business Application, Database Management Systems, Applications of Web Services, Mobile Services and Applications, Business Intelligence and Analytics

LEADERSHIP EXPERIENCE

New Creation Church **Singapore**

Pastoral Server Apr 2014 – Jul 2018

- Responsible for the supervision and pastoral care provided to a group of youths aged 17 to 21 in a church
- Planned, executed, and monitored weekly meetings for the youths while providing additional training to the members of my team

Northbrook Secondary School, Student Council **Singapore**

Student Council President (O Level Testimonial available on request) Jan 2011 – Oct 2011

Student Council Member Jan 2010 – Jan 2011

- Liaised with 38 class representatives to gather feedback and devise strategies for improvements of student's well-being
- Planned and conducted engagement meetings with school leaders while representing student bodies
- Spearheaded over 15 annual school events involving planning, organising, execution, and monitoring activities
- Lead 25-member student council who facilitated day-to-day practices and improved school rules and policies

REFEREES

Details available on request