Phua Xue Yong Joshua

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Education

Singapore Management University   Aug 2014 – Aug 2018

Bachelor of Science in Information Systems, BSc (ISM), 2nd Major in Finance - Magna Cum Laude
- *Placed on School of Information's Systems Dean's list for AY2015-2016 & AY2016-2017*
- *International Exchange Student at Mcmaster University*
- *Excelled in Software Engineering, Computational Thinking, Computing Technology in Finance*
- *Distinction in Financial Accounting, Enterprise Integration, Architectural Analysis, Financial Instruments, Institutes and Markets, Analytical Skills, Enterprise Web Solution*

Employment History

KeyReply
Forward Deployed Software Engineer   Jan 2018 – Mar 2018
- Independently dealt with clients from gathering requirements to technical implementation with 0 complaints
- Implemented users' requirements based on Javascript NodeJS
- Debugged up to 100 bugs over 3 months, which helped to speed up the operations of KeyReply and meet deadlines promptly

Accenture Pte Ltd
Accenture Discovery Internship Programme   May – Jul 2016; May – Jul 2017
- Anchored the VBA scripts used for internal reporting and external communications in raising service request that is used daily by clients, which helped to streamline the business service request process by at least 50%
- Independently created a SAP Financial Data Migration and Data Reconciliation Manual for the internal project team's usage, which helped to reduce more than 50% of required operational effort through the consolidated instructions and knowledge transfer from the overseas team
- Actively involved in the data reconciliation and financial disprepancy investigation for a client's 90 company codes
- Assisted the Data Migration Team Lead with Full Dream Rehearsal Planning and execution processes prior to Actual Cut Over

UOB-SMU Asian Enterprise Institute | Aesthetic Clinic Industry & Oral Care Industry
Student-Consultant, Consulting Internship   Jul 2015 – Jul 2016
- Laid out multiple marketing strategies, which helped the company effectively reach out to youths via school platforms
- Applied analytics on data collected via market research (surveys and focus groups), which helped the company identify timely trends in the marketing industry

Additional Skills

IT Knowledge
- Core coding skills (Java/JSP, Javascript, Reactjs, Meteor Framework, MongoDB, Webpack)
- Experienced coding skills (Git, VBA, Matlab, Vue.js)
- SAP Data Migration, LSMW tool

PHDIS Web Application Project   Jun 2015 – Dec 2016
- Anchored a web application development project for PHD Students in SMU: Launched in Jan 2016
- Engaged in numerous open source Javascript APIs to implement more user-friendly functions.

- Built mainly on JSP with mySQL as the backend
- Maintenance of server via frequent patches

Final Year Project   Apr 2016 – Dec 2016
- Anchored the core features of a C2C Consumer web application project for a Final Year Project
- Engaged in numerous open source Javascript Libraries to implement more user-friendly functions and entensive user features (Special features such as Webshot.js to screenshot a page based on a url provided)
- Anchored the entire Administrator tools on the Interface and backend validations of the project to deal with request that comes in from real users
- Independently built on Javascript with Meteor Framework, React.js and MongoDB as the backend
- Pitched for the project with the Institute of Innovation and Entrepreneurship and during a startup weekly pitch

Telegram Bot @bible_butler_bot
- Implemented up to 10 different APIs across different platforms, such as telegram, yelp and google, to acquire data for different functions
- Utilized webpack to bundle and reduced response time by up to ~1000ms per reply.
- Built on Node.js.

Other Awards and Involvement

Basketball
- National's Interschool A' division Basketball competition (2010 – 2011)
- School's inter-house basketball competition (Silver) (2010 – 2011)
- External club Milo' cup Basketball competition

May 2015 – Cambodia (Boys' Brigade Learning Centre)
Overseas Community Service programe
- Coordinated lessons and teaching materials with the locals
- Engaged in numerous public speaking throughout the trip