QI YIRU (Zoe)

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EDUCATION

Entertainment Technology Center, Carnegie Mellon University   May 2018
Master of Entertainment Technology

School of Computer Engineering, and Nanyang Business School, Nanyang Technological University   Jun 2016
Double Degree in Business & Computer Science (Specialization in Information Technology)

Haas Business School, University of California, Berkeley   Jul 2014
Summer Study Program

Human Resource Management & Marketing

PROJECTS

Build Virtual World, ETC   *Sound Designer, Programmer& Producer*   Fall 2016
- Responsible for sound editing and Wwise project integration with Unity
- Learned teamwork, effective communication, and rapid prototyping skills

3D Digital Image Correlation, NTU   *Final Year Project*   Aug 2015 – April 2016
- Implemented a camera system to enable 3D Digital Image Correlation based on 2D model
- Applied OpenCV, Point Cloud libraries for C++ project

3D Modelling Mesh Viewer, NTU   Aug 2015 – Nov 2015
- Implemented a mesh viewer using OpenGL library to load and draw 3D models from vertex coordinates and normal vectors saved in a txt file
- Models drawn could be translated and scaled, and several rendering modes were provided

Social Media Search Engine, NTU   *Producer & Programmer* Jan 2015 - May 2015
- Proposed and designed a social media search engine appealing to user's personalized interests
- Built the connection between the search interface and database as my main task (Java, SolrJ, Lucene)

INTERNSHIP/WORK EXPERIENCE

Becton Dickinson Holdings Pte Ltd.   *IT Intern*   May 2015 - Jul 2015
- Implemented an application using QlikView (a business intelligence software) to visualize the sales performance
- Explored the newly released software, Qlik Sense, and provided suggestions on further adoption of the new software
- Built applications for social network crawling to set out the company's social sentiment project, which was presented to the global headquarters (Java, C#)
- Designed the customer success story and signature brochure for IT department

CO-CURRICULAR ACTIVITIES

National Chinese Calligraphy Competition, NTU Chinese Society   *Vice President*   Sep 2014 - Apr 2015
- Planned and directed the stage performances and activities
- Proposed and organized the production of the theme song and propaganda trailer
- Liaised with a company to provide a social media photo booth for participants' entertainment and networking
- Designed the layout, theme and decoration of the competition interior

INTERESTS

Animations, movies, music, traveling, languages, sports etc...