

## **Zhou Ruohua**

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### Education

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#### **National University of Singapore**

**Aug 15 to Present**

- Pursuing Bachelor of Engineering (Hons): Industrial Systems Engineering and Management
- Recipient of Science & Technology Undergraduate Scholarship
- Expected Date of Graduation: June 2019

### Work Experience

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#### **McKinsey & Company, Part-time Assistant, Shanghai, Remote**

**Aug 18 to Present**

- Conducted detailed press research for consumer electronics industry's organizational structure to facilitates transformation
- Performed intensive analysis on user experience improvement strategy in technology firms and prepared presentation materials

#### **JPMorgan Chase & Co., Summer Analyst, Singapore**

**Jun 18 to Jul 18**

- Utilized Blockchain technology to develop smart contract system, created Stable Coins for atomic settlements used in inter- and intra-company transactions, and presented the final product to the management committee
- Transformed transaction authorization flow to eliminate tedious manual process which was predicted to reduce more than 6,000 working hours a year and presented solution to Chief Information Officer
- Prepared Innovation Week Programs which includes approximately 1,000 participants in APAC

#### **Arcstone Pte. Ltd., Software Engineering Intern, Singapore**

**Dec 17 to May 18**

- Built manufacturing process workflow, performed intensive analysis on manufacturing data and presented to potential clients, thereby helped clients to transform to make use of IoT (Internet of thing) and transform in Industrial 4.0
- Involved in new product development within company's product roadmap, which includes designing and formulating new features based on market demand and testing to minimize bug disruptions in the future
- Developed customized software solutions such as integration of map API, Manufacturing Data Input Application and SAP Quality Management Services ensured design specifications fitted the clients' needs

#### **United Overseas Bank, Corporate Banking Intern, Tianjin, China**

**Dec 15**

- Liaised with clients to complete credit approval process and collected feedback to build strong relationships
- Analyzed and tabulated key financial matrix of 10 key clients in executive summaries using excel which enabled risk management team to mitigate financial risk
- Provided daily updates on clients' requests and global markets' changes to Corporate Banking department

#### **Sino-Singapore Tianjin Eco-City, Eco-Tech Intern, Tianjin, China**

**May 15**

- Launched green-workspace project and reduced the electricity consumption of the office building by 15%
- Helped the company to earn the award: Building Construction Authority (BCA) Green Mark Platinum Award by analysing green building criteria and translating documents to English
- Designed Low Carbon Living Lab (LCLL) presentation and showcased to governors and companies' directors

#### Co-Curricular Activities

#### **NUS Students' Union Global Relation Unit, Co-Chairperson, *Singapore***

**Aug 15 to Aug 17**

- Co-founded NUS Global Citizen Conference, involving 150 delegates, 15 NGOs and 9 speakers internationally to "cultivate global citizens' mind-set" and "truly resolve the multifaceted issues of the global community"
- Led efforts to raise S\$40k from Singapore National Youth Council, university offices, and commercial companies
- Presented the conference proposal to 25 universities' vice presidents and provosts which effectively promoted conference in global community and received overwhelming responses
- Developed exhaustive plans from event preparation to conference execution

#### **Overseas Community Project, Project Matuwa, Bago City, *Philippines***

**Jan 16 to Aug 16**

- Conducted market research and identified internet café is one of the best job opportunities for disabled people
- Established an Internet Café company with ~20 disabled employees and coached 40 disabled people on basic financial knowledge and computer skills
- Negotiated with and built strong relationship with local government and invited mayor to join the project

#### **Yale-NUS Asia Pacific Model United Nations, Conference Mgmt Director, *Singapore***

**Jan 16 to Aug 16**

- Developed and implemented cost-efficient conference management system including program flow, logistics, procurement and manpower coordination to streamline conference operations
- Effectively handled several emergencies to ensure safety and security of ~450 delegates

#### Awards and Experiences

Applicant Member of Conjunct Consulting	Aug 18
Student Coder in "JP Morgan Code for Good"	Sep 17
Finalist in MSIG Insurance Risk Management Challenge	Mar 17
Graduate of Future-Ready Leaders Training Program	Dec 16
Facilitator of NUSSU Student Leaders Camp	Dec 16
Singapore Representative in Asia Pacific Student Forum	Sep 16
Delegate in Singapore Model United Nation	Jun 16
Oversea Academic Program in CERN, Switzerland	Oct 14
Bronze Award in Singapore Science & Engineering Fair	Mar 14
Patent "Smart Automated Window Lock"	Jun 13
First Run-up in 13th International Robot Olympiad	Jun 11

#### Skills and Languages

Language Skills: English and Chinese

Programming Skills: vb.net, Python, Java, Windows Presentation Foundation, C, C++, SQL

Office Skills: Microsoft Word, Microsoft Excel (Macro), Microsoft PowerPoint