

YUMOU WEI

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🌐 weiyumou.github.io



EDUCATION

B.Eng. Computer Science (CGPA: 4.50/5.0)

📅 Aug 2013 – Jun 2017

B.B.A. Information Technology (CGPA: 4.23/5.0)

(expected)

🏫 Nanyang Technological University

Singapore

- Science and Engineering Undergraduate Scholarship
- Relevant Coursework: Data Structures (A+), Algorithms (A), Advanced Software Engineering (A)

WORK/PROJECT EXPERIENCE

Summer Analyst, Global Markets Technology

📅 May 2016 – July 2016

🏫 Deutsche Bank AG

Singapore

- Shortened the time required for reconciling trading records in different systems by 90%
- Conducted and presented researches on technology threats facing the banking industry

Lead Software Engineer

📅 Jan 2016 – Apr 2016

🏫 Multidisciplinary Design Project (Robotics)

Singapore

- Designed a robotic system able to autonomously explore an obstacle-scattered maze
- Implemented an exploration algorithm with intelligent backtracking based on Depth-first Search, fastest among all 20 teams
- Created a robot controller with TCP connectivity using Java, enabling real-time display of the robot's movement

Summer Intern, Enterprise Information Services

📅 May 2015 – July 2015

🏫 Autodesk Inc.

Singapore

- Built a QlikView dashboard to visualise user activities pertinent to an in-house software system
- Automated the source data cleaning process by developing QlikView scripts

Lead Android Engineer

📅 Aug 2014 – Nov 2014

🏫 Patient Appointment Management System

Singapore

- Developed an Android application to foster better physician-patient communication
- Spearheaded the frontend development and integration with the backend

Volunteer Software Engineer

📅 Aug 2014 – Nov 2014

🏫 Asian Women's Welfare Association Ltd.

Singapore

- Developed a GUI attendance tracking system using Java and MySQL
- Streamlined the manual processes of recording and managing participants' attendance
- Provided 'one-click' function to generate monthly attendance reports which used to take days

LANGUAGES AND TECHNOLOGIES

🔧 C++, ☕ Java, 🐍 Python, 🍷 Django (Prior Experience), 🤖 Android (Prior Experience),
📄 HTML5, 🎨 CSS3, 📄 JavaScript, 🍷 PHP, 📄 Bootstrap