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John Soh Xiang Rhong

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Education

Minneapolis, MN   **University of Minnesota, Twin Cities.**   **Fall 2017**

- Bachelor of Computer Science, College of Science and Engineering.
- Coursework: Introduction to Computing System, Introduction to Circuits and Electronics Discrete Structures ; Algorithm and Data Structures; Introduction to microcontrollers; Advance programming principles; Operating Systems; Practice of Database Systems; Internet Programming; Introduction to Artificial Intelligence (in progress).

Employment

Software Engineer, Intern   **Veritas Technologies LLC.**   **May 2016 - Present**

- Developed a web application that replicates some functionality of Netbackup, an enterprise level heterogeneous backup and recovery suite.
- Built the web application from scratch with various frameworks and technologies that include: HTML, Bootstrap, AngularJS, ExpressJS and NodeJS.
- Designed and further implemented features on the web application based on superior and fellow engineer's feedback.
- Worked with Veritas' user interface team to develop and further improve the design and user experience of Netbackup.

Software Engineer, Intern   **St Jude Medical, Inc.**   **June 2015 - Dec 2015**

- Developed a test scheduling system that runs test every day on different machines, collects test results, compile it to an email, and sends it to required recipients.
- Developed a machine language translating program that translates ablation logs to human readable results in order to aid the software testing team at St Jude Medical.
- Wrote test scripts in Python to perform automated test on cardiovascular ablation device.
- Converted and updated old Perl test scripts to new Python test scripts.

Undergraduate Research Assistant   **University of Minnesota, Twin Cities.**   **Dec 2015-April 2016**

- Collect data of traffic in Minneapolis; store it in PostgreSQL database, and used HTML and JavaScript to plot dynamic interactive graphs.
- Set up and store information in a website for professor's research projects using HTML, CSS, and JavaScript.

Skills

- **Programming Languages:** Python; C; Java; JavaScript; HTML; CSS; PosgreSQL; Oracle SQL ; Arduino; Clojure.
- **Tools / Technologies**: Adobe Photoshop; Adobe Dreamweaver; Visual Studio; Code blocks ; Microsoft Word, Microsoft Excel; Jquery; AngularJS; NodeJS; ExpressJS; bootstrap.
- **Operating System**: Technical Proficiency in Windows OS; Linux OS (Ubuntu and Redhat).
- **Languages**: Speak fluently in English, Chinese, Malay, and Cantonese.

Technical Experience

Projects:

Stock Market Watcher: **Summer 2015**

- Developed a web scraping program that takes in information on stock market every hour and prints out to a chart.
- Program contains simple graphical user interface. (Python)

Quotes and reminder program: **Summer 2015**

- Developed a GUI program in python that lets you add great quotes into a file collection and selects a random quote every morning and prints out for user as a reminder.

Employee record system: **Winter 2014**

- Built an employee record system that can: add records, list records, modify records, and delete records using C language.

Leadership

- Vice President of the University of Minnesota's International Student Outreach group.
- Vice President of University of Minnesota's Maranatha Christian Fellowship student group.
- Active member of the IEEE University of Minnesota student branch
- Swimming Club President: Voted Chairperson for INTI International College Swimming Team.
- Property Manager of INTI International University's American University Program Club.