

JIA SHENG MA

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EDUCATION

Stony Brook University | Stony Brook, NY | August 2014 - May 2018

B.S. in Computer Science

- Dean's List (Cumulative GPA: 3.69 / 4.0)
- Selected Coursework:

Object Oriented Programming	Data Structure
Operating System	Principle of Database Systems (in progress)
Computer Networks	Software Engineering (in progress)

Liberty High School Academy for Newcomers | New York, NY | September 2010 - June 2014

- Valedictorian (Cumulative GPA: 3.92 / 4.00)

EXPERIENCE

Web Developer | QUANTARCTIC.org | Stony Brook, NY July 2017 – August 2017

- Researched and assessed WordPress plugins for the development of Quantartic.org, a community for Flux Quantum Architects, Tools, and Integrated Circuits
- Improved a Google Map-based WordPress plugin by providing animated location loading, and fixing map configurations to guarantee interactions on computers and mobile devices

Teaching Assistant | Computer Science Department | Stony Brook, NY January 2016 - May 2016

- Oversaw introductory Object Oriented Programming class laboratory sessions
- Assisted students with questions to develop their programming capabilities

Robotics Team Leader | Liberty High School | New York, NY October 2011 - March 2013

- Collaborated with team of five to develop engineering plan for robot and troubleshoot engineering issues with Google Engineers
- Semi-finalist at First Tech Challenge in Season of 2012-2013

PROJECTS

FacebookClone Summer 2017

- Used Linux, Apache, MySQL, and PHP to build a simplified version of Facebook that supported friend networks and posting
- Applied database design and web application experience to design database and persistent data manipulation functions

InterestGroups Fall 2016

- Used Java and Socket programming to understand computer network protocol
- Created a single-server system that supported interest-based discussion groups with multiple users
- Developed project main framework and performed project requirement analysis

JClassDesigner Spring 2016

- Developed a modeling tool for building UML Class Diagrams that can be exported to Java source code using Java and Javafx

SKILLS

Language

- Native: Cantonese, Mandarin, English

Programming

- Proficient: Java, C, *NIX environment
- Working Knowledge: MySQL SpringMVC Python Shell Script PHP
HTML CSS Perl Regular Expression