**Jimmy Lu**

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**Objective**

Obtain a software engineer internship where I can utilize my skills in functional design, testing and integration.

**Education**

**New Jersey Institute of Technology**, Newark, NJ Fall 2018

BS, Computer Science and Computational Mathematics (Double major) GPA: 3.735

Relevant coursework: Programming Language Concepts, Principles of Operating System, Computer Org. & Architect, Foundation of Computer Science II and Data Management System Desgin.

**Skills**

Programming Languages: JavaScript, SQL, Java, Python, Bash, C, and C++

Applications: MySQL, Node.js, Sequelize, MongoDB, React.js, Git, and Microsoft Word

Languages: Fluent in Mandarin and English

**Research Experience/Project**

***Participatory Learning Approach*** May 2016 - Present

Ronald E. McNair Post-Baccalaureate Achievement Summer Research Program

* Designed and implemented frontend page using React for data reallocation
* Designed and deployed user testing for bugs and server functionality
* Assisted in designing and implementing algorithms using Sequelize
* Assisted in expanding an educational method to support complex workflow structure
* Managed MySQL database involving complex table relations

**Presentation**

NJIT Ninth International Undergraduate Summer Research Symposium July, 2016

* “Building a Flexible and Collaborative Online Learning System”

Philadelphia AMP October, 2016

* Awarded second place in Computer and Mathematical Sciences.

**Volunteer Experience**

Dinner with an Engineering Summer, 2016

* Mentored and advised elementary school, middle school and high school students who are interested in STEM fields

Coding Camp for Young Women Summer, 2016

* Advised high school students in finding their passion within STEM fields

**Activities/Leadership**

***President***, Chinese Undergraduate Student Association May 2016 – December 2016

* Founded the club with a group of students
* Assisted in planning and executing events throughout the school year

***Treasurer***, NJIT League of Legends Club September 2015 – May 2016

* Assisted in planning and hosting 3 game tournaments
* Built communication between school Senate and club administration for funding
* Analyzed players’ performance and provided critiques

Member, Association of Computing Machinery 2014-2016