Che Liu

Mobile: (858)-247-8198
Email: chl730@eng.ucsd.edu
Homepage: http://cseweb.ucsd.edu/~chl730/

EDUCATION

- **University of California, San Diego** *Sept. 2016 - Present*
  Major: Computer Science and Engineering

- **Shanghai Jiao Tong University** *Sept. 2012 - June 2016*
  Major: B.S. in Software Engineering, Overall GPA : 87.7/100

EXPERIENCES

- **Software Development Intern** *Nov. 2015 - June 2016*
  Intel Asia-Pacific Research & Development Ltd
  - Composed requirement specifications for Automated Testing System with testing engineers
  - Implemented the web user interface and server-side controller of the Automated Testing System using Bootstrap and Python Django

- **Online Book Store - Enterprise Web Application in JavaEE** *Mar. 2015 - June 2015*
  - Implemented an Online Book Store which supported user management, book selling, sales statistics using JavaEE Platform.
  - Database queries were performed through Hibernate, and results were cached into memory by MemCached. JAAS and SSL were adopted to provide secured transaction. Used EJBs and JMS to handle massive concurrent access.

- **Distributed Commodities Electronic Trading System** *May 2015 - June 2015*
  - Designed Web user interface for commodities browsing, ordering, history browsing on Trader side with HTML5 and jQuery, under Bootstrap framework

- **X-Locate - Indoor Locating Application on Android** *Apr. 2014 - Sept. 2014*
  Intel Cup National Collegiate Software Innovation Contest
  - Retrieved user's location in indoor environment where GPS was disabled with Computer Vision, and provided indoor navigation, shops searching, nearby-shop recommending, etc.
  - Utilize SURF matching and perspective transforming with OpenCV to match user-uploaded images with images from surrounding environment

- **Data Storage of a Social Networking Application** *Jan. 2014 - Feb. 2014*
  - Designed an efficient database management system written in C++ to store the huge amount of data produced by simulated actions. Implemented features like basic CRUD operations, B-tree index, paged physical storage, master key hashing, flexible in-memory cache, etc.

HONORS

Second Class, XinDong Enterprise Scholarship (Top 5%)	*Sep. 2015*
Honorable Mention, Mathematical Contest In Modeling (Top 20%)	*Apr. 2015*
Second Class, Academic Excellence Scholarship in SJTU (Top 10%)	*Dec. 2013*

ACTIVITIES

Volunteer for 2014 Shanghai International Marathon	*Nov. 2014*
Volunteer for Minhang District Library	*July 2013*
Manager of Student Network & Information Management Organization	*Sept. 2014 - Oct. 2015*

SKILLS

Programming: Java, C, C++, Python, HTML, Javascript, PHP
Others: Git, Qt, vim