

4707 12th Ave NE, Apt 304
Seattle, Washington 98105

WENLU CHENG

(714)–234-3510
tomcheng15@gmail.com
website:
wenlucheng.com

PROFESSIONAL EXPERIENCE

Website Administrator, *Intern*

CITIC Bank

Summer 2012

IT Department

- Operated and updated the websites for the bank.
- Assisted and edited the updated contents and used SQL query to save them into database.

EDUCATION

Seattle, Washington

University of Washington

Fall 2013 – Mar 2017

- B.S.E. in Electrical Engineering with Minor in Mathematics. GPA: 3.7.
- Relevant Coursework: Java Computer Programming, Data Structures and Algorithms, Web Programming, Digital System Program and Design, Introduction to Database System, The Hardware/Software Interface, Java Software Design, Unix System and Software Tools.

TECHNICAL EXPERIENCES

Projects

- **Huffman Encoder, *Java*.**
Implemented Huffman coding through an algorithm to encode and decode text and reduce the memory size of text files. Created the Huffman tree to encode given files. Methods include taking an encoded file and decrypting it in a new file with the decoded text.
- **Blank (Best Overall Prize at Code day Seattle Hackathon), *JQuery and Node.js and Socket I/O*.**
Blank is a search engine for people that connects individuals who want to do the same thing. Giving them real-time chatting features.
- **Memory Manager, *C and Linux*.**
Implementation of C library Function Malloc. Handles the request of memory allocation and arrangements of memory blocks within a threshold; reducing computation cost.
- **Searching Webpage of Name and Population, *JavaScript and PHP and HTML and CSS*.**
Built a web page that displays graph representations of the population and meaning of a searched name from data provided by Social Security Administration.

ADDITIONAL EXPERIENCES AND AWARDS

- **Education Volunteer:** Helped the Confucius Institute of the State of Washington to organize the 14th Chinese Bridge-Chinese Proficiency Competition for College Student.
- **Dean's List:** Honored for high scholarship and inclusion on the Dean's List of University of Washington.

Languages and Skills

- **Languages:** C; Java; JavaScript(JQuery); SQL; XML; PHP; HTML; CSS
- **Tools:** IntelliJ IDEA; Eclipse; Microsoft SQL Server; Pig Latin; Git; Microsoft Office Suit – Word, Excel, PowerPoint, Microsoft Azure
- **Software Design:** Strong in Algorithms Problem Solving ,Object-Oriented Design and Software Design Patterns