Chun Hei (Johnny) Cheng

Cell: 206-816-0443   Email: johnnycheng0306@gmail.com
Current City: Los Angeles, CA   GitHub: https://github.com/cheng306

4+ years in Programming • Pursuing a career in Software Development • Seeking Internship

Education:

California State University, Northridge (GPA 3.59)   Spring 2016 – 2017/2018
- MS in Computer Science
- Advance knowledge in Computer Science

University of Washington   Fall 2013 – Spring 2015
- BS in Applied and Computational Math Science
- Acquire analytical and programming skills

Highline College   Fall 2011 – Spring 2013
- AS in Engineering
- Fundamental Math and Science

Technical Projects:

Build a Used Cars Sales web application by PHP and MySQL   July 2016
- Deploy both Web App and Database on AWS

Make a bit-error correction program by C   Spring 2016
- Use Hamming code to detect the error bit and correct it

Build an AVL tree by Java   July 2015
- Build a binary tree with AVL properties

Build virtual Movie Rental System by SQL and Java   Spring 2015
- Create Movie Rental Database on Microsoft Azure
- Rental System allow users to login accounts, search, rent and return movies

Make a linear optimization solver by MATLAB   Winter 2015
- Use Simplex algorithm to solve basic linear optimization problems

Make a graphical representation of Taylor series using MATLAB   Fall 2014
- Able to plot and demonstrate Taylor series with increasing number of series terms

Work Experience:

Instructor, Coding with Kids   Sep 2015 – Dec 2015
- Teach elementary level students basic concept of coding
- Help them develop logical thinking

Math Tutor, Best in Class Education   Sep 2015 – Dec 2015
- Guide a group of 8 students to finished their test and practice of the day
- Teach new topic beyond school curriculum

Private tutor   Jan 2014 – Jun 2014
- Teach pre-calculus Math
- Help prepare AP Physics by practicing past exam and explaining concept

Math Tutor, Highline College   Jan 2012 – May 2012
- Help Tutees with homework problems, review class material

Laboratory assistant, Bureau Veritas   Jun 2011 – Jul 2011
- Test chromium 6 portion in various samples and make result reports

Spoken and Programming Language:
- Speak Chinese, English
- Know C, C++, HTML, CSS, PHP, JavaScript, Java, MATLAB, R, Python and SQL