Yi Mang "Terry" Yang

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Skills

- Experience with C, C++, Java, XML, HTML, CSS, JavaScript and others
- Competent with UNIX operating systems – utilities, shells, scripts, etc.
- Understanding of data structures like stacks, queues, hashtables, binary trees, etc.
- Experience with software applications like Android Studio, Eclipse, Code::Blocks, etc.
- Ability to learn and apply new concepts quickly and efficiently; strong adaptability
- Highly motivated, hard-working and cooperative with good communication skills

Projects

Central Processing Unit Simulator (C, C++)
- Simulate the parts and functions of CPU units such as registers and decoder
- CPU simulator runs through the fetch-decode-execute cycle for assembly code

Employee Database (Java, XML)
- Stores, displays and searches for information about employees with a GUI
- Uses classes, method overloading, method overriding, inheritance, file I/O, hashtables, etc.

StudyQuiz (Java, XML)
- Android application that quizzes the user on true or false questions
- Uses widgets, activities, fragments, anonymous inner classes, etc.

Personal Website (HTML, CSS, JavaScript)
- Information about myself and personal portfolio

Education

University of California, Davis   Expected 2015-2019
- Candidate for B.S. in Computer Science and Engineering; Intended minor in Economics
- Overall Academic GPA: 3.90; Dean's Honor List
- Expected courses by summer 2016: Programming and Problem Solving; Software and Object-Oriented Programming; Discrete Math for CS; Calculus; Economics; Statistics

The Woodlands School in Ontario, Canada   2011-2015
- Highest honors, Ontario Scholar, Silver Crest Award – highest award for attaining three specialized awards: Academic Award, Music Award and Citizenship Award
- Ontario Enhanced Learning Program providing in-depth and challenging coursework – highly selective program for students identified as Gifted
- SAT: 2240; SAT Math Level 2 and SAT Physics: 800; AP Calculus BC: 5 (only AP taken)

Activities and Interests

Chess Player
- The Woodlands Chess Club Co-founder
- 3rd in Canadian Youth Chess Championship, 3rd in Manhattan Open and other showings