

Cody Pham

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Education:

October 2014 - Present: University of California, San Diego (Projected Graduation: 2018)

Major: Bachelor of Science, Computer Science

Completed Relevant Coursework: Object-Oriented Programming, Software Tools and Techniques Laboratory, Assembly Programming and Computer Organization, Discrete Mathematics in Algorithms and Computer Systems

Relevant Coursework in Progress: Advanced Data Structures, Components and Design Techniques for Digital Systems

Languages: C/C++, Java, ARM Assembly, HTML

Tools: GDB, Git, Valgrind, Vi/Vim, Linux/Unix

Work Experience:

- UC San Diego Computer Science and Engineering January 2016 - Present
 - Official school tutor for CSE 8B, Object-Oriented Programming / Java II
 - Write and test solution code for Java programming assignments and plan test scripts
 - Host lab hours to assist students with bugs and logical errors in programming assignments
 - Familiarize students with programming development tools such as Vim

Projects:

- C and ARM Sorted ArrayLists October 2015
 - Implemented Java sorted ArrayLists in C and ARM assembly language
 - Used ARM assembly for low level memory and register management
- 2048 App Rebuild March 2014
 - Rebuilt the game 2048 from its original language of JavaScript into Java
 - Designed a GUI using the JavaFX interface
- codypham.com Present
 - Actively developing a personal website in HTML and CSS, an ongoing project

Volunteering:

- UC San Diego Health System June 2012 – October 2013
 - Assisted nurses and medical staff in intensive care units and administrative tasks
 - Responsible for handling and transport of patient samples in laboratories