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Richard Zheng

Education	2013 - Present <ul style="list-style-type: none">• University of California, San Diego, La Jolla, CA• Computer Engineering major• Candidate for B.S. Degree in Computer Science• Member of The National Society of Leadership and Success
Working Experience	<div>2015 - Present Visa Inc./CyberSource Foster City, CA Software Developer Intern<ul style="list-style-type: none">• Merchant Acquirer Processing Product Development Software Developer Intern• Compression/Decompression functions<ul style="list-style-type: none">• Implements GZIP• Encryption/Decryption RESTful API development<ul style="list-style-type: none">• Maven• Spring Framework• Factory & Singleton Pattern</div> <div>2014 - Present UCSD IEM La Jolla, CA <i>Web Developer</i><ul style="list-style-type: none">• Web development• UCSD CMS web management• iem.ucsd.edu</div> <div>2014 - 2015 FLE KA-Lite La Jolla, CA <i>Software Developer</i><ul style="list-style-type: none">• Backend optimization• Mobile optimization• Software development• SanDisk Connect Wireless Media Drive server configuration pipeline developer• https://learningequality.org/ka-lite/</div> <div>2013 - 2014 Atom Movement Alhambra, CA <i>Web Developer</i><ul style="list-style-type: none">• Website development using HTML and CSS• Designing and programming a website design for an online clothing store.</div>
Skills	<ul style="list-style-type: none">• Proficient languages: Python, Django, HTML, Java, C, C++• Familiar languages: Assembly, CSS, JavaScript, Objective-C, Swift• Experienced with: Tomcat, Maven, REST, Web Services, Spring• Familiarity in program development with IDE's and software configuration management programs (Eclipse, vi/vim, gvim, Dr.Java, Sublime. Xcode)• Proficient operating systems: Windows, Linux, Mac OS• Taken courses on: BST, Huffman, Boggle, Dijkstra, Prim, Kruscal, Heap, Stack, Linked-Lists, Lists, Hash.
Personal Projects	<ul style="list-style-type: none">• www.richardzheng.com• Snake game (Java)• Clash of Clans Troops calculator (Python, Tkinter/ttk)• Smart Home Alarm Application (Python, Django, Tkinter/ttk, HTML, JavaScript)<ul style="list-style-type: none">- Implements an alarm system, Google Maps API, Google Calendar API, Oauth2.0, and Yahoo Weather API• Hex value converter (Java, C)• Calculator (Java, C, C++)<ul style="list-style-type: none">- constructed with:<ol style="list-style-type: none">1. Linked List2. HashTable3. Tree