

CLAYTON WONG

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Profile	Seeking an engineering career to promote and challenge my technical ability and experience
Inventions	<p>Intra-coded Video Frame Caching For Video Telephony Sessions</p> <ul style="list-style-type: none">• US PTO Patent Application 15/251,997 <p>Customer Engineering Framework</p> <ul style="list-style-type: none">• Developed in Python for post-processing log-analysis of OEM reported failures• Reduced redundant workloads by automating the “busy” work of log-analysis• Bridged gaps between functional areas for complete end-to-end log-analysis through multiple modem software protocol stacks
Experience	<p>Staff Engineer, Qualcomm, San Diego, CA 2008—Present (9 years)</p> <ul style="list-style-type: none">• Developed code enhancements and resolved modem software defects in C and C++• Collaborated with OEMs to integrate, test, and debug modem software on mobile devices• Created and clearly presented technical documentation for modem software on-site training sessions to OEMs in the US, Canada, China, Taiwan, South Korea, and Japan in order to proactively reduce workload by providing upfront thorough knowledge transfer <p>Sr. Software Developer, FanBox, San Diego, CA 2007—2008 (1 year)</p> <ul style="list-style-type: none">• Full-stack web development using C#, ASP .NET, SQL Server 2005, and JavaScript• Development lead for News Feed and Online Messenger <p>Software Developer, Concentra, Tucson, AZ 2005—2007 (2 years)</p> <ul style="list-style-type: none">• Designed and developed EDI from Medi-Span to Concentra’s databases which allowed the on-site pharmacist to quickly look up drug information <p>CSC Raytheon Corporation, Tucson, AZ 2004—2005 (1 year)</p> <ul style="list-style-type: none">• Developed EDI and ALE between Raytheon’s legacy Oracle 9i databases to SAP in order to increase efficiency of the Raytheon’s supply chain management
Education	University of Arizona – B.S. Computer Science 2004
Skills	Python, C, C++, C#, .NET framework, JavaScript, AJAX, HTML, CSS, Visual Basic, Apache, IIS, MySQL, SQL Server 2005, Oracle 9i, Access 97/2000, Perforce, Tortoise SVN, GIT, Visual SourceSafe, Wireshark, Ethereal, Fiddler, SAP, ALE, EDI, Lotus Notes, Source Insight, Eclipse, Trace32, Visual Studio, Brackets, Bootstrap, Django, Node.js, Machine Learning, PTCRB, IMS, SIP, SDP, LTE, VoLTE, VT, RCS, AMR, H.264, RTP, UDP/TCP, IP, MAC, PHY
Honors & Awards	Spirit of Achievement Scholarship College of Science Academic Distinction Dean’s List Honorable Mention