

Christina Tang

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EMPLOYMENT

T-Mobile, Corporate Information Security Intern

October 2017 - Present

- Research & front end development for an admin web app to manage software defined infrastructure and user base through Agile software development lifecycles
- Support information security review of new and existing software architectures

EDUCATION

University of Washington, Seattle, 3.5 GPA

B.S. Electrical Engineering, Embedded Systems

Relevant Coursework

Expected Graduation: June 2019

- Bash scripting, shell programming, C, Git, and C++ (Programming Concepts & Tools)
- Big O, Big Omega, stacks, queues, AVL trees, disjoint sets, hash tables, graphs & search & sort algorithms (Data Structures & Algorithms)
- Binary trees, linked lists, inheritance, classes, recursion & recursive backtracking (Java Programming)
- SQLite3, schema design, transactions (Database Management)
- Logic, set theory, and induction w/ application to computing; FSMs, regex, languages, and limits of computability (Computing Foundations)
- Verilog, Sequential & combinational circuit analysis, FPGA programming, ALU, memory, I/O (Digital Circuits & Systems)
- Fourier transforms, Laplace transforms, convolution (Systems & Signals in Continuous Time)
- Matrix Algebra, Advanced Multivariable Calculus, Differential Equations

Hazen High School, 4.0 GPA, AP Distinguished Scholar, Top 5%

Graduated: June 2014

Bellevue College, *Running Start / College in the High School Program*

TECHNICAL SKILLS & HIGHLIGHTS

- C –** Memory manager function that returns pointers to memory blocks of specified size; T9 number-to-word prediction program
- Java –** Best fit model algorithm design & training with NFL drive data; Huffman encoding & decoding program
- Verilog –** Design, development, and testing the Mastermind game on the DE1-SoC dev board, incl. documentation
- MatLab –** Fourier Transform and Inverse FT on audio samples
- Software:** Git, Bash, Quartus Prime

LEADERSHIP & INVOLVEMENT

Washington State Opportunity Scholarship, Representative and Recipient

September 2014 – Present

- Engaged with potential applicants and their families about scholarship benefits and recipient qualifications to grow membership in the WSOS student communities at Geek Girl Convention 2014 and 2015

Hazen Robotics Club / Team 8693, Co-founder and President

September 2012 – June 2014

- Communicated with state officials and local teams for information to colonize a local chapter, acquire team mentorship, and robotics kit and software for practice materials
- Negotiated with Renton School District for a grant to cover expenses
- Collaborated with team to organize fundraisers and team promotion at school and local events

OTHER EMPLOYMENT

Jamba Juice, (25 hrs/wk) *Team Member*

Summer 2017

Macy's, (25 hrs/wk) *PT Sales Associate*

Summer 2016