Christina Tang

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EDUCATION

University of Washington, Seattle, *3.5 GPA*   **B.S. Electrical Engineering**
Relevant Coursework   Expected Graduation: June 2019

- Data Structures & Algorithms
- Java Programming
- Database Management
- Foundations of Computing
- Systems & Signals in Continuous Linear Time
- Digital Circuits & Systems

EMPLOYMENT

T-Mobile, *Intern*   October 2017 - Present
Administrative web application
- Designed and developed web application pages with AngularJS and Bootstrap frameworks for login, displaying information, and managing users
- Developed application wireframe after researching desired management functionalities and necessary technology components
- Engagement in Agile software development lifecycles
- Supported corporate cybersecurity efforts by implementing security training improvements

PROJECTS

Java NFL Drive Prediction Model   2018
- Implemented function that trains a best fit model using coordinate descent
- Analyzed different best fit models from several data sets

Mastermind game with Verilog FPGA programming   2017
- Designed digital logic circuits that connected switches and buttons to output game response on hex displays with Quartus Prime
- Programmed D-flip-flops, linear feedback shift registers, and counters to control player input, random code generation, and output display
- Wrote tests and analyzed simulation results in ModelSim to guarantee correctness

C Memory Manager Program   2017
- Implemented function that returns pointer to a block of memory of specified size
- Wrote testbench for randomized trials that analyzed the program given several specifications
- Initialized header files and skeleton code for project files

Other skills: Git, MabLab, Bash, SQLite3, C++, shell scripting

LEADERSHIP & INVOLVEMENT

Representative and recipient, *Washington State Opportunity Scholarship*   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

Cofounder and president, *Hazen Robotics, Team 8693*   September 2012 – June 2014
- Communicated with state officials and local teams for information to colonize a local chapter and acquire team mentorship
- Negotiated with Renton School District for a grant to cover expenses
- Collaborated with team to organize fundraisers and team promotion at school and city events