KRISTEN DOLAN

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SKILLS & ABILITIES

- Programming languages C , C++, MATLAB, and Python
- Strong verbal and written communication skills
- Directing and leading peer groups in professional settings

EXPERIENCE

June - Sept. 2020	**Design Engineer Intern,** *Garmin AT, Inc.* Designed 100MHz-200MHz analog filters, designed and tested PCBs, and conducted interference signal testing with a focus in radio frequency.
Sept. 2019 -	**Young Life Student Staff**, *Young Life* Oversees a volunteer team of 10 adults for the college ministry branch at Oregon State University. Completes administrative work, networking tasks, and leadership responsibilities.
Jan. 2019 -	**ENGR 201 ULA**, *Oregon State EECS Department* Leads 2-4 recitation and lab class sections a term with 20-30 students per section, proctors exams, and holds 2 office hours per week each term.
Sept. 2015 - June 2017	**Homework Club Supervisor**, *Wilson Elementary School* Mentored and aided in educational advancement of students in an after-school program.

EDUCATION

Sept. 2017 - June 2021	**B.S. in Electrical and Computer Engineering,** *Oregon State University* Focus in Signals, Systems, and Communications and minors in Mathematics and Computer Science - GPA 3.97.

TECHNICAL COURSE EXPERIENCE

Fall 2020	**Statistical Signal Processing**, *ECE 499* Analyzed probabilistic models, fundamentals of detection and estimation theory, and real world applications in communications and data science.
Fall 2019	**Introductory Applications of Mathematical Software**, *MTH 321* Provides in-depth knowledge on how to utilize MATLAB and Mathematica to analyze mathematical systems.
Fall 2020 - Spring 2021	**Senior Capstone,** *ECE 44x* Worked with a team of three students to design and implement an EEG decoding system that translates EEG signals to intended hand movement. Implemented a Common Spatial Patterns algorithm to generate features from the recorded signal.