

## Samuel James Barton

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541-282-4159

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EDUCATION	<b>Oregon State University</b> Corvallis, OR <i>Bachelor of Science, Electrical and Computer Engineering</i> GPA: 3.86
	<b>Newport High School</b> Newport, OR <i>Honors Diploma and International Baccalaureate Certificate</i> , June 2018 GPA: 3.85
PROJECTS	<b>Audio Filter Design:</b> Designing and building a working audio filter that split up audio signals from the computer to three separate speakers: a sub woofer, a mid-range speaker, and a tweeter.
	<b>Digital Logic Design Final Project:</b> Creating and testing a design that outputs a musical note from external speakers with an NES controller controlling which note is being played. The current note that was being played on the speakers was then to be displayed on a 7-segment display.
RELATED SKILLS	<b>Coding Languages:</b> C, C++, Python, L <sup>A</sup> T <sub>E</sub> X.
	<b>Completed Courses:</b> Physics, Electrical Fundamentals, Digital Logic Design, Differential Equations, Discrete Mathematics, Data Structures, Full Calculus Series, Electronics Series, Electromagnetic Fields, Signals and Systems <b>Applications:</b> Vi/Vim, LTspice, Quartus Prime, ModelSim, Wireshark, Atom, MobaX-term <b>Operating Systems:</b> Unix, Linux, Mac OSX, Windows.
EXPERIENCE	<b>Waiter</b> Gracie's Sea Hag July 2018 - Current Depoe Bay, OR Dealing first-hand with customers when they enter the dining room including seating guests, taking food and drink orders, and cleaning tables when the customers had left. However, whenever needed, aiding fellow coworkers bus tables, tend the bar, and manage the restaurant's till.
	<b>Generalist</b> Claire Barton Physical Therapy July 2014 - Current Newport, OR Interior renovations and remodeling during the location change in 2019, filling in as a secretary, general landscaping and exterior upkeep during the Winter and Spring months.
	<b>Assistant Clerk</b> Ocean Pulse Surfboards June 2017 - September 2018 Newport, OR Giving customers additional insight on surfing gear, skateboarding gear, and outdoor apparel along with manning the store alone for the majority of the year (October - April), cleaning display cases, and controlling the rental paperwork and keeping general upkeep of the rental equipment coming in and out of the store.
AWARDS	<b>Oregon State University's Dean's List, College of Engineering:</b> Fall 2018, Winter 2019, Spring 2019, Fall 2019, Winter 2020, Spring 2020, Fall 2021
	<b>Oregon State University's Finley Academic Scholarship Recipient:</b> September 2018 - Current
	<b>Lincoln County Foundation's Hall Family Trust Scholarship Recipient:</b> September 2018 - Current