

# Samuel P. Willard

31160 SW Riverwood Dr., West Linn, OR 97068 ■ 503-933-1243 ■ samuelpwillard@gmail.com

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Education	<b>Oregon State University</b> , Corvallis, OR	
	Honors College, Bachelor of Science in Computer Science Honors College, Bachelor of Science in Mathematics GPA: 3.90 Dean's List (Fall 2023-Present)	Expected June 2027 Expected June 2027
Coursework	<ul style="list-style-type: none"><li>• Data Structures</li><li>• Web Development</li><li>• Programming Language Fundamentals</li><li>• Vector Calculus I &amp; II</li><li>• Linear Algebra</li><li>• Discrete Math</li><li>• Operating Systems 1</li><li>• Applied Differential Equations</li><li>• Argument &amp; Critical Discourse</li></ul>	
Internships	<b>TTM Technologies, Forest Grove, OR</b>	June-September 2025
	<i>Computer Science Intern</i> <ul style="list-style-type: none"><li>• Developed an online internal auditing tool incorporating segregation of duties principles to strengthen company security.</li><li>• Managed Oracle databases by enforcing primary-foreign key relationships within objects to ensure data accuracy and integrity.</li><li>• Created conversion scripts to streamline Oracle system migrations in an international facility.</li></ul>	
	<b>Wilsonville High School, Wilsonville, OR</b>	July 2022
	<i>Computer Education Intern</i> <ul style="list-style-type: none"><li>• Assisted the Professor with dynamic lesson plans and overseeing class activities.</li><li>• Mentored students with additional support needs in studying and retaining course material.</li><li>• Created and led a lesson instructing students about relevant career choices and opportunities within the computer science field.</li><li>• Taught students how to wire breadboards and code Arduinos with hands-on and engaging activities.</li></ul>	
Employment	<b>Woodbend Homeowners Association</b> , West Linn, OR	Spring/Summer 2020-22
	<i>Pool and Clubhouse Manager</i> <ul style="list-style-type: none"><li>• Ensured health and safety for all Association Members by verifying and maintaining proper chemical balance in the association swimming pool daily.</li><li>• Managed maintenance of pool and pool grounds according to community specifications.</li><li>• Prevented chemicals and grime in the pool house and deck.</li></ul>	
Projects	<b>Depiction</b> , Javascript, CSS, HTML	Fall 2024
	<ul style="list-style-type: none"><li>• Worked in a group to develop a website that uses libraries such as Socket.io and Canvas to run Depiction, a multiplayer drawing game based on Telestrations.</li><li>• Implemented several features, including handlebar templates, player and canvas data management, and server to client communication.</li></ul>	
	<b>Internal Auditing Tool</b> , HTML, CSS, JS, PHP, SQL	Summer 2025
	<ul style="list-style-type: none"><li>• Online internal auditing tool incorporating segregation of duties principles to strengthen company security.</li><li>• Implemented front-end functionality using HTML, CSS, and JavaScript for intuitive user interaction.</li><li>• Integrated PHP with jQuery AJAX to securely query and retrieve data from the Oracle database using SQL.</li></ul>	