

Samuel P. Willard

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