

Leonardo D. Curdi

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Education

Bachelor of Science, Computer Science; GPA 4.0

Expected May 2025

Washington State University, Pullman, WA.

- Associate of Arts & Sciences, Bellevue College
- High School Diploma with Honors, Liberty High School

Selected Projects

Sorting Visualizer

Mar 2023

- Leveraged Javascript to visualize various sorting algorithms so I could understand them better
- An array is generated and displayed on screen as vertical bars. Each step of the selected algorithm is visualized through color changing and moving bars. The user can adjust size of array and speed of sorting. Algorithms: bubble, selection, insertion, quick, merge, heap
- Skills: HTML, CSS, and Javascript, sorting algorithms, recursion, visualization

Cosmic Clash

Feb 2023

- An arcade style shooting game created with the purpose of learning Javascript
- Features: Player moves around the screen, shoots enemies, which explode on impact, collects ammo, enemies are aware of and target the player, player has to avoid them
- Skills: taught myself Javascript basics, animation, used HTML and CSS to create a pleasing ui

Battleship

Nov 2022

- Coded a C program that allows a user to play a game of battleship against the computer
- Features: application is run in the console, computer is programmed to find the best shot
- Skills: program design in C, file streams, AI for computer offence

Technical Skills

C, C++, Python, Flask, HTML, CSS, Javascript, React, Nextjs, Tailwind, Bootstrap, Django, AWS, Git

Work Experience

Amazon DSP Delivery Driver / Deepland LLC

Jul 2021 – Aug 2022

- Promoted to step van driver Sept. 2021

Line Cook / The Golf Club at Newcastle

Jul 2019 – Jan 2020

- Responsible for ensuring the line was prepped for service every morning

Lift Operator, Line Cook / The Summit at Snoqualmie

Nov 2018 – May 2019

- Main operator of Triple 60 chairlift on weekdays, part of kitchen staff on weekends

Service Lot Porter, shuttle driver / Michaels's Volkswagen of Bellevue

Apr 2018 – Nov 2018

- Shuttled customers to and from the dealership in addition to maintaining the lot

Volunteer Experience

Boy Scouts of America Troop 498

2011 – 2018

- Eagle Scout projects, Scouting for Food, Adopt-A-Road, trail restoration, cleanup projects

Washington Trails Association

- Construction of the new trail on Mailbox Peak / North Bend, Washington
- Reforestation / Lake Sammamish State Park

**2014 – 2015
2014**

Achievements & Awards

- **Eagle Scout Award** / Boy Scouts of America
- **National Honor Society** / Liberty High School
- **Order of the Silver Marmot** / Camp Parsons, Chief Seattle Council
- **National Youth Leadership Training (NYLT)** / Boy Scouts of America

**2017
2014 – 2016
2016
2013**