

Leonardo D. Curdi

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Education

Bachelor of Science, Computer Science; GPA 4.0

Aug 2022 - May 2025

Washington State University, Pullman, WA.

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

Technical Skills

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

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

NASA Astronomy Picture of the Day

Mar 2023

- Utilized NASA's API to implement a web application for the astronomy picture of the day
- Integrated an API key to fetch data wirelessly from NASA servers and display contents to the application using Python and Flask to encourage learning about the cosmos

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

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

- Primary operator of Triple 60 chairlift, member of the kitchen staff

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 **2017**
- **National Honor Society** / Liberty High School **2014 - 2016**
- **Order of the Silver Marmot** / Camp Parsons, Chief Seattle Council **2016**
- **National Youth Leadership Training (NYLT)** / Boy Scouts of America **2013**