

# Leonardo D. Curdi

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## Education

**Bachelor of Science, Computer Science; GPA 3.90**

**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

**Feb 2023**

- Used Javascript to visualize various sorting algorithms
- Features: array is randomly generated and displayed as vertical bars, user can adjust size of array and speed of algorithm, each step of the algorithm start to finish is highlighted through color changing and moving bars. Algorithms: bubble, selection, insertion, quick, merge
- Skills: HTML, CSS, and Javascript, sorting algorithms, recursion, visualization

### Agar.io Style Shooting Game

**Jan 2023**

- Used Javascript to create a game similar to Agar.io and hosted it
- 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, used HTML and CSS to create a pleasing ui, web hosting

### 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, Pygame, HTML, CSS, Javascript, git, react, bootstrap, Django, web hosting

## 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**