

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, Python, TypeScript

React.js, Next.js, Node.js, MongoDB, Express, Bootstrap, Tailwind, Git, Flask, AWS, Django, Firebase

Selected Projects

YelpSki

Jul 2023

- A full-stack web app that allows users to register, post ski resorts, and leave reviews
- Features: interactive cluster map, full CRUD functionality, file uploading, authentication
- Skills: NodeJS, MongoDB, Express, Bootstrap, Passport, Mapbox API

Sorting Visualizer

Apr 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

Work Experience

Amazon DSP Delivery Driver / Deepland LLC

Jul 2021 - Aug 2022

- Ensured all packages on my route got delivered to a safe location in a timely manner.
- Tracked progress of team members so I could help anyone who was behind.
- Promoted to step van driver Sept. 2021.
- Skills: customer service, time management, teamwork, communication

Volunteering & Leadership

Vice President / Association for Computing Machinery

Current

- Planning and hosting weekly meetings at WSU, organizing the CrimsonCode hackathon

CPTS 122 Teaching Assistant / Washington State University

Current

- Responsible for teaching a lab section and helping students with course material

Boy Scouts of America Troop 498

2011 - 2018

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

Washington Trails Association

2014 - 2015

- Construction of the new trail on Mailbox Peak, reforestation at Lake Sammamish

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**