

Jasper Charlinski

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EDUCATION

VANCOUVER ISLAND UNIVERSITY

Diploma of Computer Science

Cumulative GPA: 4.0; Dean's List 2021-2023

Relevant Coursework: Web Programming, Software Engineering, Object Oriented Programming, System Analysis and Design, Database Systems, Data Structures and Algorithms, HCI and UX, Systems and Networks.

WORK EXPERIENCE

JJWEB Design

Parksville, Vancouver Island

Founder and Developer

May 2021 – Aug 2021

- Static website design service targeted at small local businesses and street vendors.
- I started this business after recognizing the need for simple cheap static websites in my local area.
- I build premade templates customers could choose from and customize and then fill in their own content, I would then help the customer create a domain name and host their website.

Horne Lake Provincial Park

Qualicum Beach, Vancouver Island

Park Operator

June 2020 – Sep 2020

- Organized and led cave expedition tours throughout the main chasms of Horne Lake Caves.
- Enforced park by-laws and ensured the preservation of the caves.
- Handled customer relations and organized group reservations.

Quality Foods

Parksville, Vancouver Island

Produce Clerk

2018 – Sep 2021

- Handled customer service inquiries and inventory control.
- Part time job during high school.

Arrowsmith IT

Parksville and Qualicum Beach, Vancouver Island

Founder and Support Technician

2018 – June 2020

- Local IT support service that helped customers with a large variety of IT problems
- I started this business in highschool with my friend after recognizing the need for fast and accessible IT support solutions in our local area.
- Our services ranged from TV and cable box setups to sound system setups to teaching customers how to use a new device.

UNIVERSITY PROJECTS

OpenCV Parking Lot Availability Checker (still in progress)

Jan 2023

- An information system designed to determine the availability of the Vancouver Island University parking lots using the OpenCV computer vision library.
- Backend: Python and PHP, SQLite for the DB
- Frontend: HTML5, CSS, JavaScript

Website Builder - sitecraft.ca (still in progress)

Jan 2023

- An automated website building service that allows users to create their own custom website with minimal work.
- Backend: PHP, JavaScript, MySQL for the DB
- Frontend: HTML5, CSS, JavaScript; jQuery, Bootstrap

Hackers Labyrinth

Sept 2022

- A terminal window puzzle game where the player progresses through a series of rooms each with a unique challenge.
- Backend, Frontend: Bash, C++, Python

JavaScript Projects

March 2022

- Audio Visualizers
 - A JavaScript program that takes input from the user's microphone and generates various audio visualizers using the WebAudio API and Canvas API.
- Oscillator Keyboard
 - An oscillator keyboard that the user can play by typing keys on their keyboard, uses the WebAudio API and Canvas API.
- Highway Racer Game
 - A 2D game where players avoid oncoming objects by pressing the arrow keys or WASD.

See my GitHub for a full list of projects in more detail at <https://github.com/charliij> or visit my personal website at <https://jjcharlinski.ca> for more personal information about myself and a showcase of my projects.

ADDITIONAL

Technical Skills:

Web Development:

Proficient with HTML5, CSS, PHP, JavaScript (including jQuery, Ajax, Bootstrap, React)

Experience with WordPress and custom theme development, custom Shopify store development, Django, Flask

Programming:

Proficient with C++, C#, Python, Bash, Make, VBA

Databases:

Solid understanding of relational databases and schema

Proficient in SQL (including Oracle, MySQL, SQLite)

Additional Skills:

Keen eye for design, solid understanding of UI and UX principles

Solid understanding of the OSI model, TCP/IP, DNS, DHCP, Static IP, LAN/WAN, network topologies

Linux system client/server creation and maintenance (Arch, Debian, Ubuntu, Core)

Comfortable with developing in Linux and Windows environments

Automated testing (writing testing scripts, unit testing, integration testing)

Proficient with Microsoft Excel and Word

Proficient with Git and GitHub

I am eager to acquire any new skills required for the job.

Business Skills:

- Self organized and great with time management
- Quick and motivated learner
- Enjoy solving problems and troubleshooting
- Enjoy working in teams and collaborating with others
- Good at writing documentation and requirements gathering
- Great at making diagrams (UML, ER, DFD, SSD, Activity, ect)
- Familiar with common SDLC (Agile, Spiral, Waterfall, ect)