

PROFESSIONAL EXPERIENCE

IT Support and Web Assistant Cellular & Physiological Sciences - UBC May 2019 – Sept 2019

- Maintain and update the department's website through Wordpress CMS (articles, images, documents)
- Troubleshoot IT problems for faculty members (staff, professors, students) through Spiceworks Help Desk. Wrote articles on common software and hardware problems to the system's knowledge base for future references.
- Redesigned the department's Home and Medical Education page using HTML/CSS: [website](#)
- Developed and applied batch scripts through Local Group Policy to log user's login duration on Windows machines for monitoring lab computers' usage rates.

IT Intern Elirons International Consulting Inc. Jan 2018 – July 2018

- Collaborated with graphic designer to create the company's website within short deadline: [website](#)
- Gathered requirements from various departments to create user stories for different modules in order to modify and develop Zoho CRM into a mini ERP system that automates the firm's workflows and reduce inefficiencies in interdepartmental projects. Demoed the product to the CEO and various department head.
- Implemented and maintained company's IT infrastructure: LAN with QNAP NAS, Cisco Meraki and webmail servers.

EDUCATION

Vancouver, B.C. University of British Columbia 4th Year

- Bachelor of Science, Computer Science Major
- Relevant Coursework: Intermediate Algorithm Design (320); Internet Computing (317); Distributed Systems (416); Industry Skills (436I); Advanced Operating Systems (415); Advanced Relational Databases (404)

PROJECTS

Xeros – Kernel (Academic)

- Implemented a kernel for the Intel x86 Architecture from memory management, process creation and communication, to context switcher and device drivers using a mixture of C and inline x86 assembly.

AI Dente – Web App [Github Demo](#)

- Designed and deployed a RESTful web app that handles reservations for restaurants with three teammates.
- Employed the Meteor JavaScript framework along with MongoDB for backend data storage, the React, Redux libraries and HTML, CSS, Bootstrap for frontend design and state control.

SMTP and POP3 Mail Servers (Academic)

- Implemented a basic version of the above mail servers in C according to their respective RFC standards.
- Built on TCP and debugged the program using Wireshark and Netcat.

NBA Database [Github](#)

- Designed and created a relational database storing stats from the 2017-2018 NBA Season from sketching ER design diagrams to implementation using PHP, HTML and Oracle DB.

VoteNowBC – Website [Demo](#)

- Collaborated with other volunteers through Slack and Asana to create a Wordpress website to promote voter turnout in the 2017 BC provincial election.

Global Game Jam Vancouver – Game [Github](#)

- Designed and developed a 3D interactive game using Unity engine, C# scripts and Git as version control system in a team of 5 members in under 2 days

LANGUAGES & TECHNOLOGIES

- C, Java, JavaScript, Python, HTML, CSS, PHP, SQL, Bash, Powershell, x86 assembly
- Git, Wordpress, React, Redux, Meteor, Zoho CRM, Node, Oracle DB, MongoDB, Pandas, scikit-learn