**Technical Skills**

* Network Programming and Analysis (Client-Server Applications, Sockets, UDP, TCP, SSH, CISCO)
* HCI Modeling, UI Design, UX Design, Heuristics, Prototyping (Visio, Figma, Balsamic, Microsoft Suite)
* Programming and Scripting/task automation (Python, Java, C++, NumPy, Pandas, Agile Workflow)
* Web development (HTML, CSS, JavaScript)
* Database management, development and deployment (XML, MySQL, MongoDB, XQuery, SQL)
* machine learning Implementation (SVM, Naïve Bayes, Scikit-Learn Library)
* Data Visualization (Dashboarding, Matplotlib, Power BI, SciPy)
* Data Analytics (Trend Graphs, Sales Analysis, Statistical Analysis, Data Cleaning)

**EDUCATION**

**Bachelor’s in Computer Science graduation, 2023**

University of Calgary

**WORK EXPERIENCE**

**Industrial Networks Analyst Intern** **Jan 2022 – Nov 2022**

Teck Resources

* Maintained and supported industrial network architecture for all Teck owned mine sites
* Implemented network changes such as configuring OSPF, IP addressing, VLAN, spanning-tree, trunking and more on Cisco Unix Shell
* Conducted site visits to mines for on-site analysis, troubleshooting and maintenance
* Configured network devices such as Cisco switches, gateways, access points, and industrial radios for field deployment and catalogued the changes to the relevant databases
* Conducted network data analysis and data visualization using dashboarding software (SolarWinds, WUG, NetBox)
* Collaborated with various teams to learn different systems and technologies such as data analysts, LTE analysts, PLC programmers, Infrastructure and server analysts
* Developed reports and excel spreadsheets using analyzed data while also ensuring data accuracy
* Developed python scripts to increase efficiency in tasks such as data analysis and data management
* reported directly to project managers to provide deliverables, data driven input, and updates on project tasks
* Took part in team meetings to discuss business requirements and plan new initiatives
* Took part in safety and technical workshops to expand my skillsets and stay updated on safety practices

**Operations Intern** **Aug 2021 – Dec 2021**

Neo Financial

* Advised and assisted clients regarding banking matters with Neo Financial
* Elevated client banking experience while demonstrating integrity when working with sensitive client information
* Applied strong problem-solving methodologies and being quickly adaptable to all types of problems and issues faced by clients, including issues new to the team
* Exceeded KPI goals, reaching KPI leaderboards in a fast-paced start-up fintech environment
* Represented the Neo Financial Culture whenever working with clients

**Lab Supervisor / IT** **Oct 2018 – May 2019**

University of Calgary Arts Faculty IT

* Supervised Arts Faculty Computer Lab that consisted of average of 100 students
* Communicated Lab rules and polices to students using the lab
* Helped set up instructors and students with equipment start up and troubleshooting

**Produce Clerk Jun 2016 – May 2017**

LOBLAW (SUPERSTORE)

* Answered customers’ questions about merchandise and gave advice to customers on merchandise selection
* Stocked shelves, racks, cases, bins, and tables with new or transferred merchandise
* Cleaned display cases, shelves, and aisles
* Stamped, attached, or changed price tags on merchandise, referring to the price index
* Received, opened, and issued sales floor merchandise

**PROJECTS**

* Wrote a NIST Test Suite implementation in Python for analyzing randomness of bit sequences obtained from gameplay. (NumPy, SciPy)
* Conducted research on utilizing machine learning to analyze tweets obtained from a database to determine the political leanings of the Twitter users. Used a 80-20 split of the dataset to train the SVM, Naïve Bayes models and the ensemble of both models. Machine learning code written using Python (Scikit-Learn) (In Review For Publishing)
* prototyped an app using an agile workflow to conduct user research, heuristic modeling, Lo-Fi and Hi-Fi modeling. (Balsamic, Figma)