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

EDUCATION

- **Cornell University** **GPA: 4.0**
Master of Science in Computer Science, Specialization in Artificial Intelligence *Aug 2023 - Dec 2024*
 - **Coursework:** Large-Scale Machine Learning, NLP, Computer Vision, HCI, Deep Learning, Distributed Systems.
- **University of British Columbia** **GPA: 4.33**
Bachelor of Commerce, Combined Major in Computer Science and Business *Sep 2020 - May 2023*
 - **Academic Ranking:** 1st among all program peers, 5th in faculty (**Top 0.5% of 908 students**).
 - **Distinction:** Accelerated a rigorous four-year program, completing all requirements in three years—a program's first.



WORK EXPERIENCE

- **Amazon Web Services** Vancouver, Canada
Software Development Engineer Intern *May 2023 - Aug 2023*
 - Implemented a scalable interface that automates the creation of **customized workflow metrics** to AWS CloudWatch. Successfully released this feature to **20+ internal teams**, leading to a **10x surge** in metrics available.
 - Engineered and deployed a typescript package that **automates wiki page creation** through CDK. Architected the strategic redesign of wiki page components, significantly enhancing the ease of navigation.
 - **Exceeded internship expectations** by addressing key pain points in on-call tasks. Extended project scope to include wiki redesign, effectively reducing the average ticket resolution time **from 10 days to 40 minutes**.
- **Cornell SC Johnson College of Business**   Ithaca, New York
Machine Learning Engineer *Sep 2023 - Dec 2023*
 - Trained and fine-tuned a LLM-based restaurant **recommendation system** using **PyTorch**.
 - Developed **Flask** endpoints and integrated them with **MongoDB** database and chatbot interface using **LangChain**.
 - Successfully integrated and deployed the app end-to-end on Android, generating over 100 installs.
- **York University Centre for Vision Research**  Toronto, Canada
Student Researcher *Jun 2023 - Jul 2023*
 - Accepted into York University's elite research program distinguished for its cross-disciplinary cognitive science studies.
 - Developed an EEG-based predictive model using **TensorFlow** to identify dangerous driving patterns.
- **University of British Columbia** Vancouver, Canada
Lead Teaching Assistant *Dec 2020 - May 2023*
 - Collaborated with faculty to deliver Computer Systems, Algorithms, and Software Testing courses to 2,800+ students.
 - **Spearheaded training** initiatives for 80 teaching assistants, elevating the department's instructional quality.
- **Shenzhen Youpin Cosmetics Tools Co., Ltd.** Remote
Software Development Engineer *Jan 2022 - Jul 2022*
 - Secured and executed a **\$12,000** contract to develop and deploy an inventory management app using Java and MySQL.
 - Centralized inventory management across departments, saving **1000 labor hours** yearly and decreasing errors by 10%.

PERSONAL PROJECTS

- **Job Central**  *Feb 2022 - Apr 2022*
 - Designed and launched a full-stack job search application using **Spark**, **PostgreSQL**, and **React**.
 - Implemented dynamic **RESTful APIs** for efficient CRUD operations and advanced search filters.
- **Pomodoro Study Buddy**  *Feb 2021 - May 2021*
 - Developed a **Java**-based productivity desktop app with an intuitive **Swing** GUI.
 - Incorporated **AudioInputStream** for customizable music and data persistency.

LEADERSHIP EXPERIENCE

- **Cars and Hoops Foundation**  Vancouver, Canada
Vice President of Operations *Nov 2021 - Present*
 - Orchestrated fundraising campaigns that raised **over \$360,000** for Canuck Place Children's Hospice.
- **Varsity Basketball**  Richmond, Canada
BC Regional MVP 2020, Richmond City League All-Star 2020 *Sep 2015 - May 2021*
 - Excelled as **team captain** and led the team to its inaugural provincial championship in 18 years.

SKILLS SUMMARY

- **Languages:** Python, C, Golang, C++, Java, R, SQL, Typescript, Javascript, HTML, Scala
- **Technologies:** TensorFlow, PyTorch, Keras, NumPy, Matplotlib, Flask, OpenCV, Pandas, Spark, Docker, AWS, Git