HONGZIP KIM

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EDUCATION

University of Toronto — Sept. 2021 – Jun. 2026 (expected)
HBSc. in Computer Science & Statistics - Arts & Science Internship Program — *Toronto, ON*
- **Awards:** Dean's List Scholar (2022, 2023, 2024) and University of Toronto Scholar (2021)
- **Relevant Coursework:** Machine Learning, Statistical Reasoning & Data Science, Artificial Intelligence, Operating Systems, Methods of Data Analysis, Databases, Data Structures & Algorithms, Software Design

CERTIFICATION

Deep Learning Specialization — Sept. 2023
DeepLearning.AI
- **Relevant Skills:** TensorFlow, NumPy, Keras, MobileNet, RNN, GRU, LSTM, Optimization, Transformers

SKILLS

Languages: Python, R, SQL, Tableau, C, Java, TypeScript, JavaScript, LaTeX, HTML/CSS
Frameworks & Tools: pandas, ggplot, matplotlib, scikit-learn, NLTK, React, React Native, Flask, Node.js, MongoDB, Git
Soft Skills: Adaptability, analytical thinking, collaboration, communication, creativity, critical thinking, teamwork

EXPERIENCES

Product Support Specialist, Strategy & Growth (16-month Co-op) — May 2024 – Present
Canadian Imperial Bank of Commerce (CIBC) Insurance — *Toronto, ON*
- Recognized as a **3x Spark Student**; won **3rd place** at the Fall Spark Hackathon to propose AI-driven operational efficiency improvements using **CIBC AI (CAI)**, and created a guerrilla marketing strategy to drive student banking growth.
- Analyzed **1M+** rows of web journey data using **SQL** and **Adobe Analytics**, uncovering bot activity and delivering actionable insights to the **Insurance Leadership Team**.
- Led key workstreams on a **$10M+** Mortgage Insurance project, including risk assessments, QA, internal tools, and cross-functional updates to the **CIBC.com** mortgage calculator.

Curriculum Development Assistant Co-op — May 2023 – Aug. 2023
Faculty of Arts & Science, University of Toronto — *Toronto, ON*
- Conducted research on analyzing two years' worth of student survey results using **MS Excel** and presented insights during team meetings through **barplots** and **trendlines** & provided suggestions for future course improvement.
- Led a focus group to improve **UX** and **user requirements** for a **700+** student online course **dashboard** page, using **Figma** for mock-up design and **HTML/CSS** for final product development through cross-functional collaboration.

NLP Researcher — May 2022 – Aug. 2023
Department of Physics, University of Toronto — *Toronto, ON*
- Utilized **Python** and **Natural Language Toolkit (NLTK)** to apply **cluster and sentiment analysis** methods to perform **statistical modeling** on **12,500** student feedback from physics course surveys to summarize and report meaningful analysis.
- Contributed significantly to the field of **NLP research** by **publishing the paper in IEEE Access**.

PROJECTS

Timeless | *ReactJS, JavaScript, Tailwind CSS, Axios, Flask, Cohere, Groq, DALL-E 3, Luma AI, Suno AI* — Sept. 2024
Hack the North — *Waterloo, ON*
- Led the **front-end design**, implementation, and **API integration** for an AI-powered web app that generates personalized photos, music, and videos based on user prompts with a team of 4 students.
- Developed seamless front-end to back-end communication via **RESTful API calls**, integrating **Flask** with multiple **AI models**.
- Presented a live demo to judges, showcasing technical execution, AI pipeline efficiency, and the application's impact on enhanced **digital storytelling**.

Pantry Palate | *ReactJS, JavaScript, Tailwind CSS, Python, Flask* — Aug. 2023
Hack the 6ix — *Toronto, ON*
- Managed the **Full-Stack development** for a progressive web app (PWA) with a team of 4 students that aimed to eliminate **100%** of food waste through fridge scans, custom AI recipe chatbot, and filters accommodating dietary restrictions.
- Demoed to 6 different judges, highlighting key functionalities, business practicality, innovation, and creativity.

LEADERSHIP / EXTRACURRICULAR

Content Creation/Teaching Assistant Team Lead — Jul. 2023 – Apr. 2024
UofT AI — *Toronto, ON*
- Developed content and hosted tutorials on understanding the **PyTorch API, neural networks, and image data** for **150+ students** in an introductory ML educational program, utilizing skills in **optimization** and **statistical modeling** in **Python**.