

Actively seeking full-time opportunities in software, AI/ML, distributed systems, infrastructures. Starting December 2025.

EDUCATION

<div>Carnegie Mellon University, Silicon Valley</div> <div>Master of Science Software Engineering</div> <div>• Teaching Assistant (Graduate Course, Spring 2024 & Fall 2025)</div>	<div>Mountain View, CA</div> <div>08/2024 - 12/2025</div>
<div>University of Toronto, St. George</div> <div>Honours Bachelor of Science (High Distinction) Computer Science</div> <div>• Dean's List Scholar (4 Years), In-Course Scholarship</div>	<div>Toronto, Canada</div> <div>09/2019 - 05/2024</div>

EXPERIENCE

<div>Meta</div> <div>Software Engineer, Intern</div> <div>• Built and launched new Experiment and Universe Tracker, the central entry point for accessing and managing all A/B tests across all Meta internal and product orgs (Facebook, Instagram, WhatsApp, etc.), serving over 40,000 internal engineers and staff, contributing 17,000 + significant lines of production code in React, Hack, GraphQL, and related technologies. Authored internal wiki documentation to support long-term maintainability and onboarding.</div> <div>• Developed (independently) and launched a new Post system to support Superintelligence Lab needs, enabling users to publish posts across different phases of Experiments with features such as auto-populating experiment data and integrating Deltoid's Wedge for cross-team workflows. Designed and implemented a new Tracker system that allows users to monitor and manage all their posts and related activities in one place, improving visibility and coordination across experiments.</div>	<div>Menlo Park, CA</div> <div>06/2025 - 08/2025</div>
<div>Canada Huawei</div> <div>Software Engineer (Distributed AI System R&D), Co-op</div> <div>• Implemented and debugged over 20 APIs in the MindPandas to support Scientific Computation that adopted Multithreading, Multiprocessing, and Distributed Systems. Implemented a Machine Learning data pre-processing pipeline for MindSpore.</div> <div>• Researched on Substrait MetaIR Parser in GaussDB to support multiple relations to the substrate plan. Involved in creating and optimizing complex query execution plans that allowed for multiple execution paths.</div> <div>• Proposed the new Dynamically Switching Join Strategy from Spark Adaptive Query Execution Optimizer by initiating multiple joint strategies simultaneously and dynamically allocating workload based on the running time, implemented in C++.</div>	<div>Markham, Canada</div> <div>05/2022 - 05/2023</div>
<div>BubbleMe</div> <div>Co-founder, a social media platform focused on classmate social networking</div> <div>• Built the original team and led preliminary market research analysis. Designed product function and interface, and identified user needs for product innovation and upgrade. Acted as the project manager to coordinate product development and planning.</div> <div>• Led the business plan writing and presented over 20 financial roadshows. Succeeded in finding sponsorships and financial support.</div>	<div>Markham, Canada</div> <div>09/2019 - 05/2022</div>
<div>DIDI</div> <div>Data Analyst/Scientist, Intern</div> <div>• Utilized Hive SQL, Python, PySpark, and Machine Learning techniques to predict and visualize trends from millions of marketing and user behavior data points, delivering actionable insights through weekly and monthly data reports to the head of the South American market.</div> <div>• Contributed to business strategy development by conducting in-depth data analyses on strategy effectiveness, transaction attribution, and user behavior, alongside performing industry best practice research to inform decision-making.</div>	<div>Beijing, China</div> <div>06/2021 - 08/2021</div>
<div>Junfei</div> <div>Software Engineer, Intern</div> <div>• Developed crawler programs for content scraping through requests, Scrappy, Scrappy-Redis, and XPath, ensured data accuracy through data cleaning and filtering, and developed data cleaning and duplication modules.</div> <div>• Participated in re-architecting code structures and modules, reduced execution time by over 30% overall, and decreased memory usage by around 5%.</div>	<div>Nanjing, China</div> <div>05/2020 - 08/2020</div>

RESEARCH

<div>Carnegie Mellon University</div> <div>Student Research Assistant (Incoming), Supervised by Prof. Leonardo da Silva Sousa</div> <div>• Will focus on modern distributed systems design and architectures, including fault-tolerance, consensus, and data replication.</div>	<div>Pittsburgh, PA</div> <div>09/2025 – 12/2025</div>
<div>University of Toronto</div> <div>Student Researcher Assistant, Worked with David Anugraha</div> <div>• Conducted research on performance prediction for large NLP models (e.g., BERT) to minimize the cost and time associated with training and fine-tuning. Achieved accurate results in predicting mBART's performance. Implemented regression models for model performance prediction; built the training pipeline and conducted training and testing on the Computer Canada Cluster.</div>	<div>Toronto, Canada</div> <div>01/2024 - 05/2024</div>

SKILLS

Programming Languages: Python, Java, C, C++, Go, CUDA, SQL, JavaScript, HTML, CSS, PHP, Hacklang, Racket, Haskell, etc