

Samson Chan

samson.sn.chan@gmail.com | +1 (647) 533 2868 | Hong Kong & Canada | Website | LinkedIn

ABOUT ME

Goal-oriented and innovative **software engineer** with a passionate insight in software **data** and **blockchain** future. Experienced in gesture recognition, full stack development and data analytics, wishing to further strengthen my skills through a professional setting.

TECHNICAL SKILLS

Programming Languages: Python, TypeScript, JavaScript, SQL, Java, C, R, Verilog

Framework: JUnit, Tensorflow, Darknet, NextJS, ReactJS, Angular, OpenCV, Express.js, Node.js, FastAPI, Tailwind CSS

Technologies/Data: AWS, Git, Github, Gitlab, COCO, MySQL, TiDB, OpenAI API, Langchain, FAISS, ServiceNow, Anaconda, Agile

WORK EXPERIENCE

Chairman | Co-Founder

May 2022 – Present

Lassonde Blockchain Association | Toronto, Canada

- Successfully expanded over **100+ members** in the first month and up to **20 executives** for development team in present
 - Fostering as the **first project-based community** in YorkU, actively collaborated with universities or tech hubs (UWaterloo, UofT)
 - Supervised community grow and end-to-end project applications development using **TypeScript, SQL, and Python**
 - Educated members through hand-on project experience with a Web3 and blockchain-future strategic vision
- Skills:** Project Design, Project Management, Python, NextJS, TypeScript, SQL, Tailwind CSS, ReactJS, Sanity, Vercel, Git

ServiceNow Application Developer Intern (16 months)

May 2022 – August 2023

Celestica Inc. (NYSE, TSX: CLS) | Toronto, Canada

- Successfully accelerated financial report delivery by **20%** for the **Capex** project directly worked with **CFO** and **Malaysian Team**
 - Performed data cleaning and data collection to migrate **90%** of the features from **D365** to **ServiceNow** using **JavaScript, Angular**
 - Boosted operational efficiency by **25%** by architecting business service-centric solutions on **ServiceNow** over **50+ branches**
 - Enhanced platform functionality using **JavaScript, Angular** to improve incident management efficacy by **10%**
- Skills:** JavaScript, AngularJS, ServiceNow, D365, Client Scripts, UI Policies, Business Rules, Agile, Scrum

Data Science Intern

August 2022 – November 2022

OliveX (NSX: OLX) | Remote

- Promoted as the **Top 1** popular and trending **Web3 blockchain** dashboard in **Dune Analytics** within 30 days
 - Boosted up **90%** of customer feedback traffic by implementing livechat features on **Web3 ETH, TypeScript & ReactJS** web app
 - Analyzed data using **SQL** in NFT, Exchange Token, and mobile application using **Dune API** on **Polygon** and **Ethereum chains**
 - Deployed data visualization graphs to analyze user behavior trends, leading to a **20% increase** in user volume for the application
- Skills:** SQL, TypeScript, ReactJS, Python, Dune API, AWS Lambda & EventBridge, data analytics, Polygon, Ethereum, Git

Software Engineer Intern

April 2019 – August 2019

OliveX (NSX: OLX) | Hong Kong

- Boosted up to **95%** for the detection accuracy of AI Pose Recognition model using **Python, OpenCV, and TensorFlow**
 - Designed and modified new **COCO dataset** annotations and key points for higher quality data
 - Developed **Python** rename tool and **JavaScript** image tagging tool to capture data and format dataset for AI-model training
 - Managed an **operation team of 30** to collect data for enhancing efficiency in data transfer using **Python** tool
 - Implemented video timeframe program in **Python** and **OpenCV** to capture image and save the timeframe as data collection
- Skills:** Python, OpenCV, Tensorflow, JavaScript, COCO, data collection, data cleaning

Software Developer Intern

July 2018 – August 2018

Animoca Brands (ASX: AB1) | Hong Kong

- Collaborated with designers and developed website using **HTML, CSS** and **JavaScript** and launched through **AWS S3**
 - Collected over an amount of **5000+** data from search engine for an AI fitness mobile app (**Google Play Hong Kong Best of 2019**)
 - Submitted a proposal that successfully granted company with **30K** of project funding and for company invention
 - Involved in quality assurance (QA) testing for an **Ethereum** based applications and provided feedback to product team
- Skills:** HTML, CSS, JavaScript, AWS S3, QA testing, web3, Ethereum, AI, data collection

EDUCATION

Toronto, Canada

(BSc) Bachelor of Science Computer Science – Lassonde School of Engineering, York University

2020 – 2024

PROJECTS & ACHIEVEMENTS

TiDB Future App Hackathon 2023 | Guides | AI Application Challenge – **Top 60** among 1500 participants

July 2023 – Present

- AI chatbot using **OpenAI's API** and **NextJS** in **TypeScript & Tailwind**, enhanced with **Langchain**, hosted on **FastAPI & TiDB**, and utilized **FAISS** with **OpenAI Vector Embeddings** for text vectorization

UofTHacks VIII | Sharger | General Motors Sponsorship EV Challenge – **Hackathon Winner**

February 2021

- Implemented map and search engine using **ReactJS, Express.js, MongoDB, Bootstrap** and **Google Map API**, enabling users to list their home chargers as EV charger stations, addressing the issue of insufficient availability

Yonex Canadian University National Badminton Championship – **Champion**

2019 – 2020 & 2023