

Eric Han Yang Chen

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Work Experience

DATA SCIENCE INTERN | BELL CANADA | 2023-CURRENT

- About the position: Software development/Data science intern working on creating new data collection pipelines with Elastic stack and analysing error logs using machine learning methods
- Created 2 new data sources for data analysis team
- Implementation of machine learning model to analyse error logs for more efficient troubleshooting; noticeable productivity increase for on-field equipment install agents by end of internship.

SOFTWARE DEVELOPMENT INTERN | BELL CANADA | SUMMER 2022

- About the position: Software development intern working primarily on Q/A testing and monitoring.
- Lead creation of internal app for automating tests; The app allowed modem testing team to conduct automated overnight stress tests and error reporting; main tools used: Python, SQL, Ruby
- Leadership position: Co-lead Bell community change iOS and Android Home council. We communicate with various product owner teams to consult and investigate upcoming new iOS and Android releases.
- Onboarding of new devices to testing suite; during internship, we added 3 new brands of smartphones to tests (33% increase).

TUTOR | MARIANOPOLIS COLLEGE | 2019-2021

- About the position: Math and physics tutor at Marianopolis College
- Skills: Communications, leadership, teamwork, problem solving

Education

BACHELORS OF SCIENCE | GRADUATED SPRING 2023 | MCGILL UNIVERSITY

- Graduated with Honours in Physics and Computer Science
- Lead machine learning undergraduate research project; Using machine learning methods, research music's correlation with mood and create more accurate music recommenders; tools used: Python, TensorFlow, Pandas, NumPy, Spotify API

Skills and Personal Projects

PROGRAMMING LANGUAGES

Working experience in Python (+Django), Java, C, Bash, HTML, JavaScript, SQL

PERSONAL PROJECTS

- More projects and details: erictocode.github.io/projects.html; Tools: Python, Django, HTML, JavaScript

LEADERSHIP ROLES

- Founder of the MFTBC mental health club at Marianopolis, collaborating with the Jack.org organization. The club advocates for men's mental health and promotes a safe and inclusive space for everyone.