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Jason Le

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Ottawa, ON

Education

Carleton University *Ottawa, Canada*

Bachelor's in Computer Science (Honors) – Minor in Physics Sept 2017 – April 2021

- Carleton President's Scholarship ($12,000)
- COMP 2406 (Fundamentals of Web Applications) TA

Work Experience

Klipfolio *Ottawa, Canada*

Software Developer Intern Apr 2018 – Aug 2018

- Created algorithms for manipulating large quantities of data, such as forecasting using Java.
- Worked on a persistent data ingestion system for large amounts of data using Elasticsearch and Java.
- Created additional visualization settings such as trendlines to make it easier for companies to analyze their data.
- Wrote extensive front-end tests using Karma, Enzyme and Sinon in addition to JUNIT tests for back-end.
- Contributed to daily scrums, bi-weekly sprint retros, dev demos, and lightning talks.

Carleton University – School of Computer Science *Ottawa, Canada*

Teaching Assistant Jan 2019 – Apr 2019

- Teaching Assistant for (COMP 2406) Fundamentals of Web Applications
- Supervised under Professor Louis D. Nel

Extracurricular

CUHacking *Ottawa, Canada*

Executive and Development Team Project Manager Oct 2017 – Apr 2018

- Organized student run MLH hackathon in the capital of Canada.
- Project manager for CUHacking development team which created all apps, website, and tech related projects for CUHacking.

Hack.Carleton *Ottawa, Canada*

CTF Team Member Sept 2017 – Present

- Participate in Capture the Flag events trying to solve technical security related puzzles.

Projects

Evento (work in progress)

Manage, Analyze and predict attendance for Facebook Events

- Built data ingestion system to create periodic snapshots of events using Python, Selenium and DGraph.
- Building smart calculation system to better predict attendance rate to events using Python.
- Building visual analytics platform to summarize data gathered from ingestion service using Electron.

PhisNet (Electric City Hacks 2017)

Detect transaction fraud live and notify users immediately as they occur.

- Created script that would automatically train Isolation Forest models using Scikit learn for each individual user to determine spending patterns as well any outliers.

Skills and Technologies

Proficient: Python, JavaScript, React, Java, Git, English

Practiced: Elastic Search, Spring Boot, GCP, AWS, French, Cantonese

Learning: Go, C++, Scikit-Learn, Japanese