

Chris Dryden

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EDUCATION

UNIVERSITY OF TORONTO

BASC IN COMPUTER
ENGINEERING

Dec 2021 | Toronto, ON
Minor in Machine Intelligence

IBO WORLD SCHOOLS

Guatemala City, Guatemala
Lima, Peru

LINKS

Github:// [chrisdryden](#)
LinkedIn:// [chrisdryden](#)
Twitter:// [@chrispauldryden](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Operating Systems
Artificial Intelligence
Databases

SKILLS

LANGUAGES

Java • Shell • Python • Javascript
Ruby • C++ • C • SQL

FRAMEWORKS

React • Django • Rails

CLOUD SYSTEMS

AWS - Certified • GCP • Pivotal CF

AWARDS

Sears Innovation Challenge - 1st
THacks 2 - 1st Data Science
Microsoft DataScience Comp. - 1st
Microsoft Comp. Vision Comp. - 1st
Telus IOT Hackathon - 1st
RBC Next Innovator Comp. - 3st
RUHacks - 1st Category

EXPERIENCE

AMAZON | SOFTWARE ENGINEERING INTERN

May 2020 - Present | Vancouver, BC

- Worked on Lambda based Java and React projects to integrate all scheduling data sources into a single on-call tool.
- Aided on-call teams during multiple large scale outages, implemented solutions in time sensitive situations.
- Audited AWS usage across organization and identified redundant usage of Elasticache and RDS services by over \$15,000 in costs annually.

PAGERDUTY | SOFTWARE ENGINEERING INTERN

Jan 2020 – Apr 2020 | Toronto, ON

- Worked on Ruby and React projects on the Growth team to build and roll-out new checkout process and implement new customer tracking and segmentation.
- Audited vendor usage across organization and reduced redundant vendor usage of Pendo and Segment.io by over \$20,000 in costs annually.

SHOPIFY | AI ENGINEERING INTERN

May 2018 – Aug 2018 | Toronto, ON

- Implemented recommendation engines to give marketing recommendations. Delivered recommendations to over 600,000 e-commerce websites.
- Overhauled sliding window aggregate tables to improve recommendations that change over time, to reflect recent changes.
- Built a workflow management tool for CEO Tobias Lutke.

ROYAL BANK OF CANADA | DATA SCIENCE INTERN

May 2019 – Aug 2019 | Toronto, ON

- Part of the Amplify 2019 Cohort, worked on triaging server vulnerabilities and building models to assess cybersecurity threats. Built a prototype that consolidated four different triaging systems.
- Built onboarding scripts that decreased developer onboarding times by a day

LOBLAWS COMPANIES LIMITED | DATA ANALYST INTERN

May 2017 – August 2017 | Toronto, ON

- Collaborated with senior leadership to create a framework for implementing autonomous robotics into the warehouse.
- Created an anomaly detection model that can identify incorrectly sized items across multiple warehouses. Realized \$10,000 in shipping savings in the first month.

RESEARCH

STRUCTURAL GENOMICS CONSORTIUM | AI RESEARCHER

Oct 2018 – Feb 2019 | Toronto, ON

Worked with **Matthieu Schapira** to build models that use the structural domain of a protein to determine whether it is unique enough to be part of the druggable domain.

UNIVERSITY OF TORONTO | NLP RESEARCHER

Jan 2017 – Jan 2018 | Toronto, ON

Worked with **Chirag Variawa** to build NLP models to determine student sentiment in course feedback and generate insight into the relationship between workload and sentiment.