

# 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 ENGINEER

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.
- Audited AWS usage across organization and reduced redundant usage of Elasticache and RDS services by over \$30,000 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 2018 | Toronto, ON

Worked with **Matthew Shapiro** 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 for the relationship between workload and sentiment.