

# Mark Porter

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## EDUCATION

### UNIVERSITY OF WATERLOO

CANDIDATE FOR HONOURS COMPUTER SCIENCE WITH CO-OP  
COMPUTATIONAL FINE ARTS OPTION  
Expected 2021 | Waterloo, ON

## EXPERIENCE

### PLOTLY | DASH DESIGN KIT INTERN

Jan 2020 - April 2020 | Montreal, QC

- Researched and designed Notification component of [DDK](#) using AdobeXD for wireframing.
- Implemented and documented Notification component using Python and React.
- Reduced false positives in visual regression testing tool Percy by 90%.

### DMG BLOCKCHAIN SOLUTIONS | SOFTWARE ENGINEERING INTERN

Jan 2019 - April 2019 | Vancouver, BC

- Created an [NPM Package](#) delivering blockchain data visualization tools built in React with D3.js.
- Designed and implemented visualization for new influence propagation algorithm in [Walletscore](#).
- Refactored Python backend to work with influence propagation algorithm.

### CVENT | SOFTWARE ENGINEERING INTERN

April 2018 - December 2018 | Fredericton, NB

- Picked up entirely new technology stack to deliver modernized product under a deadline.
- Worked with 3 person team to build prototype from scratch using React that was demoed at [Cvent Connect](#).
- Performed various bug-fixes and enhancements on current product.

## AWARDS & ACTIVITIES

### PROJECT DEMO

nwHACKS 2019

Demoed an English language learning tool which used React, Node.js, and Google DialogFlow

### MATH IN EUROPE 2017

UNIVERSITY OF WATERLOO

Completed 2nd year math courses studying abroad in Italy and France.

### FELLOWSHIP

SHAD INTERNATIONAL

Awarded a fellowship after being chosen from international pool for a month long enrichment program at Queen's University.

## LANGUAGES

Proficient:

Javascript • C++ • C • Racket •  $\LaTeX$

Familiar:

Python • Solidity • Ruby • Java • R

## TECHNOLOGIES

React • Node.js • AdobeXD • Postgres • Linux • D3.js • CircleCI  
Hyperledger • AWS • Docker • Postman • Percy • Flask