


# Derrek Chow

Software Developer & Product Designer

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## EXPERIENCE

**Software Developer • D2L (Desire2Learn)** Jan. — Apr. 2019

- Designed and developed an Ionic app for meeting-based feedback
- Created a career planner with D3.js, visualized the paths of 700+ jobs
- Developed and integrated a real-time annotation tool with Node.js into the Brightspace Platform for professors to intuitively gauge student's concerns

**Full Stack Developer • Tulip Retail** May — Aug. 2018

- Designed and developed a feature for customers to control their communication permissions in accordance with GDPR
- Removed 7,000+ lint errors by establishing a cross-team CI pipeline and linter for JavaScript modules

**Software Developer • Viceroy Media Inc.** Aug. 2016 — Jun. 2017

- Developed course catalogs and ratings for a University of Guelph course and exam platform
- Created a payment and checkout system for a web hosting service by integrating the Stripe API

## PROJECTS

**uwflow.com • Designer**

- Overhauling a course review platform with 10 million page views and 1,000+ daily active users while spearheading feature and UI redesigns
- Creating wireframes, mockups, branding, and conducting user interviews

**impactlabs.io • Dev Team Lead**

- Led the development of a site for an org that empowers students to use tech skills for social good

**tedxuw.com • Web and UX Manager**

- Created TEDxUW's site to attract 700+ attendees and 950+ email signups

**Hungr.ai • Hack Western IV • Organizer's Choice Award**

- Created an AI version of the popular game Hungry Hungry Hippos, used Python to calculate and predict moving balls' positions

**Point 2 Speech • MasseyHacks III • 3rd Place Finalist + Best Hardware**

- Built a device that parses and speaks text on a page when pointed to in real time with Tesseract.js

## SKILLS

### Languages

JavaScript, HTML, CSS, SCSS, Python, PHP, SQL, Cypher

### Libraries & Frameworks

React.js, Angular, jQuery, D3.js, MongoDB, Bootstrap, MDL, Ionic, Framework7

### Design

Figma, Illustrator, Wireframing, User Research, Prototyping UI/UX Design

## EDUCATION

### Bachelor of Software Engineering

University of Waterloo  
2017 — 2022