



Edward Bacal

Front-end Developer / Designer

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📍 Toronto, ON

- I bring extensive academic training and a unique creative vision to the tech sector. My skillset encompasses coding, design, and communications, offering a holistic approach to web media: I'm just as passionate about creating beautiful, useable websites as I am about developing technical solutions for client-facing content.

Skills

• Web Development & Design

- 📄 HTML5
- 📄 CSS3
- 📄 SCSS
- 📄 JavaScript
- 📄 jQuery
- 📄 React
- 📄 Firebase
- 📄 REST APIs
- 📄 Git/Github
- 📄 Wordpress
- 📄 Responsive Design
- 📄 Accessible Design
- 📄 Adobe Creative Cloud

• General Strengths

- Research • Writing • Editing • Analysis
- Critical thinking • Problem solving
- Supporting diversity and accessibility
- User experience • Collaboration

Selected Projects

• Bulldog Book Club [\[link\]](#)

Using HTML5, SCSS, and JQuery, I built an interactive interface for digital publications—a more user-friendly alternative to traditional e-texts.

• CE Art Trace [\[link\]](#)

Using React and the Harvard Art Museums' public API, I built an app that allows users to view random artworks from the museums' collection, based on the user's choice of medium.

Employment

• University of Toronto

◦ Course Instructor • 2016–2020

I independently designed and delivered undergraduate courses. In addition to leading classes and seminars, I produced original curricula and course documents, including online content.

◦ Teaching Assistant • 2012–2018

I led undergraduate tutorials, evaluated large volumes of coursework, liaised with students and staff, and performed administrative tasks.

Volunteer Experience

• Toronto Community Bike Collectives

◦ Volunteer • 2018–Present

I design and edit reports for the organization and for Bikechain, one of its constituent members. I also served on the finance committee for the 2019 *Bike!Bike! Northeast* conference.

• Graduate Union of the Students of Art

◦ President • 2014–2017

I oversaw the direction and programming of my graduate union at the University of Toronto. Collaborating with students and staff, I implemented projects and events, managed communications, conducted meetings, and carried out administrative duties.

Education

• Juno College of Technology

Immersive Web Development Bootcamp (2020)

Accelerated Web Development (2019)

• University of Toronto

PhD, Department of Art History (2018)