

# Connor Dear

- ▶ Portfolio: [connordear.ca](http://connordear.ca)
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## Education

- ▶ Hons. B. Software Engineering First Class - Lassonde School of Engineering 2020
- ▶ Recipient of the Lassonde Scholarship - *Recurring* 2017-2020

## Work

### Developer & System Arch. - OverKlocked Gaming // July 2020 - Present

- ▶ Designed & developed new gaming cafe management system for the largest LAN centre in Edmonton. Constructed client application that displays an interactive grid of games which encourages users to navigate and explore over 400 titles, while tracking their time remaining. Worked as the sole developer on this project, creating database schema, RESTful API, and frontend UI. (C#/XAML/WPF/Postgres)
- ▶ Additionally built an interactive admin panel that allows employees to receive live updates from computers/users, send signals to control computers through socketed connections, and provides POS services. System is deployed in production environment with database of over 18,000 users and 60 live computers. (React/TypeScript/Electron)

### Software Engineering Lab Assistant (TA) - York // May 2019 - May 2020

- ▶ Designed & developed three laboratory projects with course instructors for a software design course (~300 students); maintained and improved legacy code libraries.

## Projects

### Singleton // July 2020 - December 2020

- ▶ Worked with a small team to build an RFP-builder to be used by architecture firms. Converted mockups of photo uploader into Vue components, using GraphQL endpoints to upload to AWS S3 storage. (Vue/Apollo/GraphQL/AWS)

### Capstone Project - Course Scheduling Application // 2019 - 2020

- ▶ Developed an automated scheduling app for York University with a team of 8 students. The app found optimal solutions to avoid elective conflicts and department inflexibility.
- ▶ Designed and implemented frontend components in **Angular**, including the calendar display of courses, front end data model, and infrastructure to pull data from our API.

### Hack Lassonde Organizing Team // Aug. 2018 - Mar. 2019

- ▶ Co-led team of 8 executive members in the organization and execution of a sustainability themed hackathon for 200 students, featuring an all vegan menu.

### E-Commerce Web Application // 2020

- ▶ Designed and built an e-commerce page for selling art pieces for a course project that included constructing a RESTful API and was deployed on Azure. (Azure/REST API/Java)