

Jacky Tam

📍 Richmond, BC, Canada | ✉ jacky.tam92@outlook.com | 🔗 www.linkedin.com/in/jackyfutam | 🌐 <https://github.com/lejt>

Technical Skills

- Javascript
- Node.js
- jQuery
- HTML
- Express
- Bootstrap
- CSS
- React
- PostgreSQL
- Python
- MongoDB
- Mongoose

Software Engineering Projects

UPGD:

React, Node.js, Express, MongoDB/Mongoose, Token-based Auth, Bulma, Data Scraper API, Stripe API <https://u-p-g-d.herokuapp.com/>

- Built MERN stack E-commerce storefront selling computer hardware in 1.5 weeks
- As a user, products can browse Newegg products on multiple pages with different sub-categories
- Modern and intuitively-focused design with dropdown cart, personal user page with purchase history, purchase credentials page, and success page upon purchase

Union Catalogue:

Python, Django, PostgreSQL, Bootstrap, Open Library API <https://unioncatalogue.herokuapp.com/>

- Library management application of books, members, staff, and book clubs created in 1 week
- New visitors sign up as members or staff in Django auth., allowing different functionalities of CRUD such as book checkout, club management, members overview, and staff work schedule signup

Pasta-fy:

Node.js, Express, MongoDB/Mongoose, Google OAuth 2.0, Bootstrap <https://pastafysei.herokuapp.com/>

- Developed a full CRUD food-discovery web application using MEN Stack in 1 week
- Established backend associated-models with seeded data, wrote data query logic for user inputs
- Full web functionality enabled with google authentication allowing personal build submissions for other users to view, rate, and post reviews

Modern Simon Game:

Javascript, HTML, CSS <https://lejt.github.io/SimonGame/>

- Static page memory game with 3 increasing difficulty levels with audio, visual, and event responsiveness
- Code organized in MVC architecture with organized data object lookup, cached elements, and DOM manipulation

Professional Experience

Property Manager, Pacific Bonus Inc. 02/2019 - 05/2021
• Provided property administration and management operations for residential properties Toronto, ON

Mechanical Engineer, John Deere 08/2016 - 01/2017
• Led design of 16 DOF electro-mechanical camera positioning system for particle research Urbana, IL

Education

Certificate of Completion: Software Engineering Immersive, General Assembly 11/2021 - 02/2022
An intensive, twelve-week, 450+ hours program focused on product development fundamentals, object-oriented programming, MVC frameworks, and data modeling Remote

Bachelor of Science in Mechanical Engineering Dec 2017
University of Illinois at Urbana-Champaign Urbana, USA