

# Luke Nicholas Dasios

Luke.dasios321@gmail.com

## EDUCATION

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### Lazaridis School of Business, Wilfrid Laurier University

Honors Economics and Financial Management, Computer Science Minor

Waterloo, ON

- Current Cumulative GPA 3.5/4.0

Graduation: 2023

### Bill Crothers Secondary School

Unionville, ON

- Ontario Secondary School Diploma, Honors in Economics
- 4x Ontario Scholar Honor Roll – 90% average (Grade 12)

June 2019

## EXPERIENCE

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### Budget App Project

Toronto, ON

Putting my skills together <https://lukedasios.github.io/BudgetApp/>

August 2020

- Designed and implemented a MVC application that helps users manage their finances through a webpage
- Used front end stack of HTML, CSS, and JavaScript
- Used git version system to make updates and improvements

### JavaScript Data Structures and Algorithms Certification

freecodecamp.org

Extracurricular course (300+ hours)

July 2020– August 2020

- JS fundamentals including scope, OOP, AJAX, Async-Await, prototypical inheritance, testing/debugging, recursion
- Designed and implemented algorithms in order to transform the given input into the desired output
- Executed classic Searching algorithms including Linear and Binary search
- Executed classic sorting algorithms including Bubble, Selection, Insertion, Quicksort, Quickselect, Mergesort, and count sort
- Implemented data structures such as Hash tables, Stacks, Queues, Linked lists, Trees, Heaps, and Graphs to improve O(n)
- Understanding of big O notation, and how solutions must be created in order to optimally reduce time and space complexity

### Responsive Web Design Certification

freecodecamp.org

Extracurricular program (300+ hours)

May 2020 – June 2020

- Skill with the front-end stack of HTML, CSS, and JavaScript
- Understanding of UI/UX, Website Design Principles, Responsive design, Color theory, SEO, Browser Dev Tools (Chrome)
- Experience with version control systems (Git, GitHub), VS code, CLI (Mac OS Terminal), flask, basics of React library
- Created and deployed assignment websites using AWS (Amazon Web Services)

### The Complete JavaScript Course 2020: From Zero to Expert!

udemy.com

Udemy Course (67 hours)

August 2020

- DOM Manipulation and Event handling
- JavaScript Engine, runtime, execution contexts, call stack, scope and scope chain, hoisting, this keyword, arrow functions
- Setters and getters, static methods, inheritance, classes, constructor functions, encapsulation, chaining methods
- Project architecture (MVC Architecture), local storage, callbacks, promise, throw keyword, try/catch statements

### Node.js, Express, MongoDB & More: The Complete Bootcamp 2020

udemy.com

Udemy Course (42 hours)

August 2020

- Synchronous vs. Asynchronous code, Process, threads and the thread pool, importing and exporting modules
- APIs and RESTful design and implementation, Handling HTTP requests with Postman (GET, POST, PATCH, DELETE)
- Middleware and the Request-Response cycle, ESLINT and Prettier VSCode extensions,
- Interacting with MongoDB database using Mongoose library

## LEADERSHIP / TEAMWORK EXPERIENCE

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### High School Basketball Captain

BCSS

Team Leader

February 2019

- Led team to semi-finals of YRDSB league
- Motivated and pushed my fellow teammates to become the best players they could be

### Vice President of Finance

PennyDrops

Club Executive

September 2019 – May 2020

- Executive VP of Finance for Laurier's PennyDrops club. A student-run outreach program that teaches basic financial literacy to local high school students. My role involved managing the club's budget, reimbursing club expenses, as well as tracking and reporting club expenditure to BMO (club's sponsor).

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#### ***AWARDS, ACTIVITIES, AND INTERESTS***

- **Awards:** Wilfrid Laurier Entrance Scholarship 2019 for high school academic excellence
- **Soft Skills:** Interpersonal & communication skills, persistent, dedicated, motivated, optimistic, ambitious
- **Interests:** Health and Fitness, Reading, Chess