

# DANIEL Y. LEE

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GitHub: [github.com/randiferous](https://github.com/randiferous)

Portfolio: [randiferous.github.io/my-portfolio/](https://randiferous.github.io/my-portfolio/)

## SUMMARY

Full-stack web developer seeking an opportunity to contribute to the development of high-quality products and become a valuable team member. Completed an intensive coding bootcamp at an accredited university in order to build in-demand frontend and backend skills. Genuinely enjoys discovering new technologies and writing code. Recognized for a dependable work ethic, quick learning ability, and growth mentality. Able to work effectively both in a collaborative or independent setting.

## TECHNICAL SKILLS

**Languages:** CLI, CSS, ES6, GraphQL, Handlebars, HTML, JavaScript, JSON, MySQL, NoSQL, React (Hooks), Regex

**Tools:** Apollo, Chrome DevTools, Git, GitHub, Heroku, Insomnia, Jest, Lighthouse, Slack, Stripe, VSCode, Webpack

**Frameworks:** Bootstrap, Express, IndexedDB, jQuery, MongoDB, Mongoose, NPM, Node.js, Redux, Sequelize

**Concepts:** AJAX, Authentication, DOM, JWT, MVC, OOP, ORM, PWA, Responsive Design, RESTful APIs, SPA, TDD

## PROJECTS

**Restaurateur** | [github.com/randiferous/restaurateur.git](https://github.com/randiferous/restaurateur.git) | [intense-inlet-07195.herokuapp.com/](https://intense-inlet-07195.herokuapp.com/)

*Technologies:* React, GraphQL, Apollo, Node.js, MongoDB, Mongoose, Bootstrap, JWT, Responsive Design, SPA

MERN-stack single-page application that provides resources and instructions for aspiring entrepreneurs who want to open a new restaurant business. Led a team of 5 developers as the acting Project Manager to build and deploy within a 2-week sprint.

- Responsible for organizing stand-up meetings, keeping track of the work progress, and ensuring that the application is successfully deployed in production mode
- Built the code and file structure for the entire backend server, which utilized Node.js, Express, and MongoDB
- Connected the frontend with the backend using GraphQL routes and set up user authentication with JSON Web Token
- Assisted in creating frontend components with React and styling with a combination of Bootstrap and CSS
- Allocated responsibilities and ensured that all team members were accountable for their given tasks, using Slack to communicate with each other and Github branches to manage version control
- Addressed any technical issues with various debugging methods and tools such as Chrome DevTools

**Healthcare Hero** | [github.com/randiferous/healthcare-hero](https://github.com/randiferous/healthcare-hero) | [radiant-reaches-92570.herokuapp.com/](https://radiant-reaches-92570.herokuapp.com/)

*Technologies:* Node.js, Express, MySQL, Sequelize, MVC, Authentication, NPM, Handlebars, Heroku

Interactive full-stack application that allows healthcare providers to share their service information for potential patients to view on a public forum. Given the role of Lead Developer for a team of 5 to build and deploy the application within a 2 week sprint.

- Responsible for building the development version of the MVP or minimum viable product, which included a backend database server using MySQL and Sequelize, RESTful API routes using Node.js and Express, user authentication, and frontend display using the Handlebars templating engine
- Mediated any internal issues between team members by involving all team members during each stage of the project, thereby ensuring that everyone made impactful contributions to the work
- Played a critical role in addressing coding bugs and connection errors throughout the process
- Properly set up the folder structure so that it adheres to the Model-View-Controller, or MVC, paradigm
- Learned and implemented a npm package, Nodemailer, to improve user experience

**COVID-19 Tracker** | [github.com/randiferous/group-covid-project](https://github.com/randiferous/group-covid-project) | [randiferous.github.io/group-covid-project/](https://randiferous.github.io/group-covid-project/)

*Technologies:* HTML, CSS, JavaScript, Responsive Design, GitHub, RESTful APIs

Front-end web application that provides up-to-date COVID-19 information on a country basis. Served as the Project Manager working with a team of 3 web developers to create the application from scratch and deploy within 2 weeks.

- Responsibilities included monitoring group progress, scheduling meetings, shaping agenda, and providing assistance for any debugging and troubleshooting issues
- Built functionalities for API routes, user interactivity, and bug fixes, in addition to setting up the project file structure
- Guided team members through the process of establishing GitHub repository connection, introduced team members to Bulma CSS framework features, and directed preparation of project presentation
- Developed with HTML, CSS, JavaScript, Bulma, RESTful API and Open Disease Data API

## EXPERIENCE

### **Teaching Assistant, Web Development**

**Sept 2022 – Pres**

*2U, digital education provider*

*Remote*

Currently a Teaching Assistant for the United Kingdom Department of Education's Skills Bootcamp, a 16-week program that focuses on front-end web development tools such as CSS, JavaScript, APIs, and React. Working with an instructional team of 15 members to manage two cohorts totaling more than 200 students.

- Responsible for troubleshooting coding errors for students and has provided in-class lessons on React, Express, RESTful APIs, MongoDB/Mongoose, JavaScript, MySQL/Sequelize, MVC, ORM, OOP, webpack, and PWA
- Served as a substitute TA for classes at Tecnologico de Monterrey, UNC at Chapel Hill, University of Texas, University of Utah, University of New Hampshire, and the University of Wisconsin

### **Math Teacher**

**Oct 2018 – Sept 2022**

*C2 Education, private after-school program*

*Queens, NY*

Over the course of 3+ years, I have taught students between elementary and high school in math topics ranging from basic arithmetic to advanced calculus. This position requires daily communication with other teachers, administrators, and parents to ensure that students are receiving proper resources and personalized lessons.

- Boosted SAT math scores by 25%, from a 540 average on diagnostics to 680 average on actual exams; personally worked with 70+ SAT students
- Helped increase semester math GPA by an average of 16% and maintain GPA over 85 for approximately 40 students

### **Dance Instructor**

**Sept 2017 – June 2020**

*Danceworks NY Inc., local youth dance studio*

*Long Island, NY*

Taught beginner and intermediate level breakdance classes to children between ages 4-12. Adjusted teaching methods to accommodate differences in learning speed among students.

- Choreographed year-end shows for each class that were performed before live audiences of approximately 400 people

### **Event Organizer**

**May 2016 – Oct 2019**

*Breaks U, streetdance non-profit organization*

*New York, NY*

Organized breakdance competitions and professional workshops for collegiate student-dancers. Worked with a team of 4 people to create digital promotion campaigns, network with dance organizations from various schools, and build partnerships with sponsors. Established a community centered on our events.

- Collegiate competitions attracted participants from 30+ schools and approximately 600 attendees each year
- Raised \$10,000+ in event sponsorship and donations, including brands such as Red Bull

### **Junior Accountant**

**Oct 2015 – July 2016**

*The Chia Company, international health-food company*

*New York, NY*

Maintained financial records for the production and sales of a recognized health-food product. Responsibilities included reviewing incoming invoices, managing internal bank accounts, and processing the accounts payable.

- Administered various financial transactions totalling \$100,000+ on a weekly basis

## EDUCATION

### **Columbia University, Engineering Boot Camps**

**Sept 2022**

*Full-Stack Web Development Certificate*

*Current GPA: 4.000/4.000*

24-week intensive program providing full-stack web development skills in HTML, CSS, JavaScript, jQuery, Bootstrap, Node.js, Express, MySQL, MongoDB, and React.

### **New York University, College of Arts and Science**

**May 2014**

*Bachelor of Arts in Economics - Magna cum Laude*

*Cumulative GPA: 3.792/4.000*

Minors in Business Studies and English & American Literature

Awards: Dean's List for Academic Years 2012-2014; Presidential Scholars Honors Recipient