

# DANIEL Y. LEE

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

Portfolio: [randiferous.github.io/portfolio-2.0/](https://randiferous.github.io/portfolio-2.0/)

## SUMMARY

Full-stack web developer seeking an opportunity to contribute to the development of high-quality products and become a valuable team member. Currently attending an intensive coding bootcamp at an accredited university to develop in-demand frontend and backend skills. Passionate about learning new technologies and writing clean code. Recognized for a dependable work ethic, eagerness to learn, and growth mentality. Able to work effectively both in a collaborative or independent setting.

## TECHNICAL SKILLS

**Languages:** CLI, CSS, ES6, Handlebars, HTML, JavaScript, MySQL, NoSQL, React, Regex

**Tools:** ESLint, Git Bash, GitHub, Heroku, Insomnia, Jest, Lighthouse, Mocha, Slack, VSCode

**Frameworks:** Bootstrap, Bulma, Express, jQuery, MongoDB, Mongoose, NPM, Node.js, Sequelize, webpack

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

## PROJECTS

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

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.

- As Lead Developer, 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 new npm package, Nodemailer, for the purpose of improving user experience

**Country 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/)

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.

- As the Project Manager, responsibilities included monitoring group progress, scheduling meetings, shaping agenda, and providing assistance for any coding 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

### **Math Teacher**

*C2 Education, private after-school program*

**Oct 2018 – Pres**

*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**

*Danceworks NY Inc., local youth dance studio*

**Sept 2017 – June 2020**

*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 Coding Certificate**Current GPA: 4.000/4.000*

24-week intensive program providing web development skills in HTML, CSS, JavaScript, jQuery, Bootstrap, Node.js, MySQL, MongoDB, React, Python, Java, Amazon Web Services, and C#.

**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 &amp; American Literature

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