

DANIEL VARGAS

Raleigh, NC

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LinkedIn: <https://www.linkedin.com/in/daniel-vargas-509a3a25b/> | Portfolio:
<https://vargasdm.github.io/New-Portfolio/> | Github: <https://github.com/vargasdm>

SUMMARY

Back-end software developer with a background education in biology and experience in research. Trained and certified at the University of North Carolina at Charlotte and earned certificate in full-stack web development. Inventive trouble-shooter passionate about connecting the creative design of Front-end development, with efficient, cohesive functionality. Strengths in teamwork, communication, and learning to help build projects from ideas to reality.

TECHNICAL SKILLS

Softwares/Platforms: node.js, express.js, SQL, JQuery, React, Bootstrap, REST, MongoDB, GraphQL

Software Languages: JavaScript, HTML, CSS

PROJECTS

Book Search Engine | GitHub Repository: <https://github.com/vargasdm/Book-Search-Engine> | **Deployed Application:** <https://floating-dusk-47990.herokuapp.com/>

- Summary: Application assists user looking to find new books by giving them the ability to search and save books.
- Core responsibilities: All aspects of application were planned, created, and tested by the developer.
- Tools / languages used: Node.js, JavaScript, CSS, HTML, React, Apollo, Express, MongoDB, JSONWebToken, GraphQL, Heroku

Text Editor | GitHub Repository: <https://github.com/vargasdm/Text-Editor> | **Deployed Application:** <https://jatechallenge.herokuapp.com/>

- Summary: Application allows user to create notes or code snippets with or without an internet connection and be able to reliably retrieve them for later use.
- Core responsibilities: All aspects of application were planned, created, and tested by the developer.
- Tools / languages used: Node.js, JavaScript, CSS, HTML, Webpack, Express, IndexedDB, Service Workers, Heroku

Score Social | GitHub Repository: <https://github.com/dianavw8/ScoreSocial> | **Deployed Application:** <https://mighty-cliffs-23244.herokuapp.com/>

- Summary: Application for users who are sports fans to bet on upcoming events. They can bet a certain amount of points and will be rewarded based on the outcome of the game.
- Core responsibilities:
 - API and local storage implementation
 - React Router, React typedefs, React resolvers, React queries
- Tools / languages used: JavaScript, Semantic-UI, HTML, React, Apollo, Express, GraphQL, MongoDB, Heroku, JSONWebToken

PROFESSIONAL

Laboratory Technician: Kelada Lab University of North Carolina at Chapel Hill, Chapel Hill, NC
September 2019 - Present

Summary: I work in a respiratory genetics laboratory where I worked on a personal project to explore a new mouse model that could potentially be used as a model for severe asthma.

Duties:

- Perform routine and non-routine tests and analyses including qPCR's and ELISA's.
- Receive, collect, as well as process blood, and bronchioalveolar lavage samples.
- Calculate test results, and log and report results for tests described above.
- Organize, participate in, and analyze the results of experiments.
- Perform quality control and calibrate equipment.
- Maintain equipment in proper working order and maintain a clean work area.

EDUCATION

Full-Stack Coding BootCampProgram Certificate: University of North Carolina at Charlotte, Charlotte, NC

Completed: April 2023

An 18-24 week intensive program focused on gaining skills in: Computer Science applied to JavaScript, API Design, Deployment and delivery, Browser Based Technologies, Databases, and Server Side Development.

Degree: Bachelor of Science: Biology

University of North Carolina at Chapel Hill, Chapel Hill, NC

Attended: 2017 – 2021