

SANTOS GONZALEZ

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GitHub: <https://www.github.com/smg061> | Portfolio: <https://smg061.github.io>

SUMMARY

Aspiring Full-Stack software Developer with a background in Microbiology and Genetics eager to contribute to team success through hard work, creativity, attention to detail and excellent organizational skills. Clear understanding of Front and Back End Development using Node.js, Express.js, React, .Net MySQL, and MongoDB databases. Excellent at self-teaching and motivated to learn, grow, and excel in tech industry. Expected to receive a Rice University Coding Bootcamp certificate in August 2021.

TECHNICAL SKILLS

- Data visualization using R.
- Front and Back-end development using Node.js Express.js. and MySQL/MongoDB
- Microsoft Visual C#.NET
- C# development using WinForms Database programming: MySQL. and MongoDB
- Java programming
- Web development using HTML, CSS, JavaScript, and React.js

PROJECTS

The Plug Select | <https://github.com/NIASKAA/ThePlugSelect> | <https://theplugselect-smg061.herokuapp.com/>

- E-commerce/live-bidding application for the purchase of premium goods.
- Designed the data tables in the back end and implemented the routing of the application. Developed core functionality in the front-end.
- Node.js, Express, HandleBars.js, MySQL, Sequelize ORM, Socket.io.

The Tech Blog | <https://github.com/smg061/techblog> | <https://tech-blog-smg061.herokuapp.com>

- Blog site dedicated to tech topics.
- Designed and implemented the entire application.
- Node.js, HandleBars.js, MySQL, Sequelize ORM

Fitness Tracker | <https://github.com/smg061/workout-tracker> | <https://smg061-fitness-tracker.herokuapp.com/>

- Application dedicated to tracking workouts and providing statistics about them.
- Designed and implemented the schemas for the NoSQL database. Implemented the application's routing.
- Node.js, Express, MongoDB, Mongoose,

EXPERIENCE

Graduate Assistant | 08/2018 to 08/2019

Sam Houston State University - Huntsville, TX

- Created lesson materials, visuals and digital presentations to supplement lesson plans.
- Gathered, reviewed, and summarized literature from scientific journals such as Google Scholar and PubMed and produced graphs and other scientific calculations using MS Excel, R language, and Python.
- Contributed to research and data analysis within Sam Houston State University Biology Department landscape.
- Performed experiments and research in microbiology/metagenomics and documented all findings.
- Analyzed data using R-language for a publication in the Advances in Microbiology Scientific Journal
- Assisted faculty members with data collection for potential academic publications.

Genetics Teaching Assistant | 05/2017 to 05/2017

Sam Houston State University - Huntsville, TX

- Utilized answer sheets and electronic marking devices to grade homework and tests, accurately computing and recording results.
- Observed students' performance and recorded relevant data to assess progress.
- Planned and prepared various teaching aids such as papers, presentations, and graphs
- Enhanced learning plans and quantified student progress using quizzes, essays and projects.
- Proved successful working within tight deadlines and fast-paced atmosphere.

Peer Assisted Learning Instructor | 01/2017 to 05/2017

Sam Houston State University - Huntsville, TX

- Developed and implemented classroom routines to address varying student needs.
- Assessed and looked after 20+ students by working closely with staff and efficiently planning and coordinating work.
- Maintained accurate and complete records for 20+ students.
- Assisted students of all ability levels develop life-long learning skills and good study habits.
- Helped students use the process of metacognition to identify weak points in their knowledge of class material.

EDUCATION

Full Stack Developer Certificate: Rice University Coding Bootcamp - Houston, TX

—Expected in 08/2021

Associate of Science Computer Programming Specialist: Lone Star College System - Spring, TX—Expected in 05/2022

Bachelor of Science, Biology: Sam Houston State University - Huntsville, TX
—05/2018