

DANIEL GRAY CARSON

WORK EXPERIENCE

Freelance

2018-2024

- **Data Science** - Analyzed large datasets and developed statistical models using Excel and Power BI. Focused on census data to uncover meaningful trends and actionable insights, driving informed decision-making and strategic planning
- **Web Development** - Designed and developed responsive, accessible, and dynamic websites
- **Business Analysis** - Collaborated closely with customers to gather project requirements, ensuring clear understanding of their needs and goals, and delivered tailored solutions

Calculus Instructor

University of Central Florida- 2022-2023

- Delivered comprehensive Calculus I course, integrating advanced mathematical theories with practical applications
- Utilized data-driven assessment methods to track student progress, identify learning gaps, and implement new instructional strategies

Software Developer

[Computing System Innovations \(CSI\)](#) – 2018

- Developed SQL skills by shadowing AI industry leaders, actively contributing to the development of cutting-edge redaction AI software

Mathematics Tutor

Stetson University & University of Central Florida- 2018-2023

- Honed skills in explaining complex concepts by providing tutoring support in various mathematical subjects including:
 - Calculus (I, II, III)
 - Statistics
 - Logic & Proof
 - Linear Algebra
 - PDE & ODE
 - Cryptography

EDUCATION

Masters, MATHEMATICS (Not completed)

[University of Central Florida, Orlando, FL](#)

- Completed multiple graduate-level mathematics courses, enhancing theoretical knowledge and analytical skills

Bachelor of Science, MATHEMATICS (minor Computer Science)

[Stetson University, Deland FL](#)– 2016-2020

Research & Competitions

- Collaborated on a federally funded research team utilizing big data analysis to create an assertion network for fake news detection, achieving 2nd place in the [ACM competition](#)
- Collaborated with a team to solve contemporary issues by developing mathematical models with varying parameters using MATLAB, Python, and LaTeX
- Awarded “Best First Time Hacker” at [International Hackathon](#) utilizing MATLAB
- Led workshops at hackathons, teaching participants advanced techniques in Blender 3D Game Development

Applications

Power BI
Microsoft Excel
LaTeX
Adobe Creative Cloud
Blender

Languages

SQL
Python
MATLAB

Skills

Data Analysis
Data Visualization
Excel Pivot Tables
Machine Learning

Math

[Math Blog](#)
[ACM Project](#)

CONTACT ME



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