

# Mason Lupi

## Education

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### Florida State University

Bachelor of Science in Biology

Bachelor of Science in Economics

Tallahassee, FL

Aug. 2018 – May 2023

### University of North Florida

Grad App Computer Science

Jacksonville, FL

May. 2023– May 2024

## Experience

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### Software Developer/ Founder

March 2024 – Present

GameTime Analytics

- *Founded and developed GameTime Analytics, a comprehensive web application designed for advanced sports analytics and research.*
- *Engineered features allowing users to cross-compare multiple statistics across various sports leagues, enhancing the depth and accessibility of sports data analysis.*
- *Implemented sophisticated models for player and team projections, providing valuable insights and predictions for users.*
- *Developed tools for users to view and analyze sports betting lines, enabling them to identify the best lines for any given sporting event or prop line.*

## Recent Projects

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### GameTime Analytics | Java, SpringBoot, TypeScript, NextJs

March 2024 – Present

- **Front End:** Built using NextJS, TypeScript, and TailwindCSS to ensure a dynamic, type-safe, and responsive user interface.
- **Back End:** Powered by Java Spring framework, providing a scalable and secure server-side application.
- **Data Analysis:** Utilized a Python Flask application to receive data from NatStat, perform modeling and analysis, and return processed data to the backend for further use.
- **Services:** Integrated various services such as Stripe for payment processing, Clerk for user authentication, Twilio for communication, NatStat for sports data, and OddsAPI for sports betting lines.
- **Database:** PostgreSQL for efficient and reliable data storage and management.
- **Hosting:** Deployed on AWS, ensuring high availability, scalability, and security.

### Calorie Tracker | Next.js, TypeScript, Python, Flask, TailwindCSS, PostgreSQL, D3.js, Git, Docker

January 2024

- Developing a web-based application that allows users to input their daily food intake in plain text.
- Utilizing the Chat GPT API to analyze user input and provide a detailed breakdown of calories, macronutrients, micronutrients, and types of fats (unsaturated, saturated, trans).
- Implementing personalized recommendations based on nutritional deficiencies and user dietary patterns.
- Building interactive graphs and visual representations of nutritional data using D3.js to enhance user understanding and engagement.

## Technical Skills

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**Languages:** Java, Python, C#, C/C++, SQL, TypeScript, HTML/CSS/JavaScript

**Frameworks:** React, Node.js, Flask, Django, SpringBoot, ASP.NET Core, Next.js, Tailwind,

**Software:** Excel, PowerBI, Stata, Figma