

Yuber Leonardo Maicelo

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EDUCATION

The University of Florida, Gainesville, FL

12 / 2023

Bachelor of Science in Computer Science

GPA: 3.01

Relevant Coursework: Data Structures & Algorithms; Operating Systems; Information & Database Systems

SKILLS

Technical Skills: Amazon Web Services; Full Stack; NextJS; ReactJS; MongoDB

Languages: Javascript; Typescript; HTML; CSS; Java; C++; C#; SQL; Python; Matlab; C

EXPERIENCE

Freelance Programmer, West Palm Beach, FL

12 / 2023 - Present

Full Stack Web Developer

- Leveraged Next.js and TypeScript to develop responsive and interactive websites for business owners, ensuring optimal performance across devices and browsers while building clean and maintainable codebases
- Implemented advanced optimization strategies, such as lazy loading of media assets and the utilization of Next.js 14 server actions, resulting in faster page loads and an enhanced user experience by reducing client-side JavaScript bundle sizes

Auditory Computation and Psychosis Lab at the UF Health Shands Hospital, Gainesville, FL

11 / 2020 - 06 / 2021

Research Assistant

- Trained a neural network used for audio extraction in noisy environments, leveraging Matlab's trainNetwork capability to enhance performance and accuracy
- Developed a vibration-producing algorithm aimed to match the denoised audio files, employing a haptic motor controller on an Arduino Uno for enhanced audio-tactile feedback

Highland Healthcare, West Palm Beach, FL

05 / 2023 - Present

Insurance Agent

- Conducted personalized consultations with clients to analyze their healthcare requirements, facilitating informed decision-making and optimizing their Medicare coverage

PROJECTS

InvestiGator Web Application

05 / 2023

- Streamlined backend processes to fetch Realty in US API property listings, integrating dynamic filtering options for location, market price, and property specifications to enhance user experience

Velez Express LLC | <https://www.velezexpressllc.com/>

01 / 2024

- Crafted a Next.js web application that streamlined online transactions by seamlessly integrating the Stripe API for secure payments, while optimizing email communication through the Resend API, ensuring smooth correspondence within the website's domain

JAV Cooling | <https://www.javcooling.com/>

12 / 2023

- Developed a sleek landing page for an HVAC business using Next.js, Tailwind CSS, and Framer Motion, ensuring responsiveness, fluid animations, and seamless dark mode support for enhanced user interaction

Resume Site Hosted on AWS S3 | <https://www.leonardomaicelo.com/>

06 / 2022

- Deployed a static resume website onto an AWS S3 bucket and optimized it with AWS CloudFront for distributed caching and reduced latency, ensuring fast and efficient content delivery

LEADERSHIP & COMMUNITY INVOLVEMENT

Society of Hispanic Professional Engineers (SHPE), Gainesville, FL

08 / 2019 - 12 / 2023

Member

- Contributed to event planning and operational activities for UF's SHPE chapter as a participant in their First Year Leadership Program (FYLP)
- Guided first and second-year SHPE mentees at the University of Florida, empowering them to enhance their academic performance and broaden their involvement in campus activities