

Maygan Miguez

Software Engineer

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Experience

Brand Success Engineer Intern @ Resonance

Summer 2021 // New York City, NY

- Integrated new client brands' Shopify websites with create.ONE software
- Developed Looker dashboard to visualize customer service data for partner brands
- Acted as liaison between brand success and tech teams by managing communication channels and defining implementations of software improvements at weekly meetings

Non-Profit Program Development Intern @ Antenna

Summer 2019 // New Orleans, LA

- Maintained and updated daily content on WordPress website
- Wrangled, transformed, and built database of historical data for Slave Rebellion Reenactment project
- Assisted facilitation of 17 artist interviews and allocation of \$60,000 worth of artist project grants through the Platforms Fund

Campus Leadership

Founder & President @ TU Fashion

Fall 2019 - Spring 2022 // New Orleans, LA

- Founded Tulane's first fashion club after recognizing student interest in fashion careers and lack of a fashion program
- Oversaw executive board of 12 officers through weekly officer meetings, individual check-ins, and task delegation
- Facilitated biweekly workshops and events that inform members on topics such as fashion sustainability, diversity, styling, and sewing

Entrepreneurship Officer, Brother @ Alpha Kappa Psi Business Fraternity

Fall 2019 - Spring 2022 // New Orleans, LA

- Connected Tulane's Lepage Center for Entrepreneurship with student entrepreneurs in Pi Chi chapter to provide them with mentorship and funding resources
- Organized monthly workshops on entrepreneurial topics such as creating a business plan, perfecting a pitch, and starting a business step-by-step

Projects

Video Virtual Try-On | Capstone Project

Fall 2021 - Spring 2022 // New Orleans, LA

- Built a virtual try-on solution in Python that takes in a user's video input, runs the ACGPN model on extracted video frames, and outputs a virtual try-on video that mimics a real-time virtual clothing try-on

Impact of Religion on the Global Gender Gap Index | Data Tutorial

Fall 2021 // New Orleans, LA

- Implemented data analysis using Pandas by identifying and scraping data from the GGGI and each country's major religion for the years 2010-2021, performing an exploratory analysis, and investigating how a country's major religion(s) impact the size of its gender gap in terms of health, education, economics, and politics

Voting Machine | Interactive Project

Spring 2020 // New Orleans, LA

- Built voting machine in Java which allows the user to input a ballot file, vote on a ballot, and view outputted election results via executable JAR

Skills

Programming Languages

Python, Java, C/C++, SQL

Libraries & Frameworks

Pandas, Matplotlib, TensorFlow, Scikit-Learn, BeautifulSoup, SQLite, Requests, OpenCV

Tools & Platforms

Docker, Git, Jupyter, VS Code, VirtualBox VM, RESTful APIs, Shopify, Looker, WordPress

Soft Skills

Communication, Time management, Adaptability

Education

Tulane University

Graduated Spring 2022 // New Orleans, LA

Bachelor of Science in Management

- **Majors:** Management, Computer Science
- **Cum. GPA:** 3.6/4.0
- **Certificate:** Entrepreneurial Management Specialization

Cactus Academy

Spring 2019 // New Orleans, LA

Selected for and participated in 8-week social justice leadership program for first-year Tulane students to connect with non-profits in New Orleans and develop solutions to societal issues in the community

Interests

Fashion, Yoga, Weightlifting, Rollerblading, Rock climbing, Brewing kombucha, Reworking thrifted clothes