Andrea Martin

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EDUCATION

TULANE UNIVERSITY
Ph.D. in Computer Science
Conc. AI and Marketing
Expected Graduation: May 2021
GPA: 3.833

UNIVERSITY OF NEW ORLEANS
B.S. in Electrical Engineering
B.S. in Psychology
Conc. in Computer Engineering
Minor in Mathematics
GPA: 3.497

COURSEWORK

GRADUATE
Algorithms
Networks
Artificial Intelligence (Currently Enrolled)

Marketing
Social Psychology
Digital Marketing(Currently Enrolled)

UNDERGRADUATE
Data Structures
Digital Systems Design
Microcomputers Digital Design

Experimental Design and methodology
Learning Psychology
Industrial Psychology

SKILLS

PROGRAMMING
•Python • Java • C •
Assembly•HTML • CSS
Familiar:
• JavaScript • C++

TOOLS
• LaTeX• Git • GitHub •WordPress

INFO MANAGEMENT:
•Word •Excel •PowerPoint •Pages
•Numbers

LANGUAGES
•English •Spanish
•French

RESEARCH

TULANE UNIVERSITY COMPUTER SCIENCE | Research Assistant
May 2017 – Aug 2017 | New Orleans, LA
Worked with **Brent Venable** to create a new Algorithm that predicts peoples preferences in a sequential and conditional manner using AI techniques and psychological theories .

UNO AMRI | Undergraduate Researcher
May 2013 – feb 2015 | New Orleans, LA
Became experienced on applying multiple and different research methods.
- Researched on Development of Frequency Agile Devices Based on Stimuli-Active Magnetic Nano-wires Composites.
- Conduct lab experiment and periodically write reports and presentations.

EXPERIENCE

ENTERGY | Transmission Planning Intern
Feb 2016 – Dec 2016 | New Orleans, LA
Became competent in power analysis, improved engineering principles to solve problems and became familiar with Louisiana's power system.
- Perform power flow modeling and short circuit analysis.
- Perform steady-state contingency analysis using PSS/E and MUST.
- Created a tool that help visualize the power flow of the entire Entergy system in a geographically manner using PowerWorld.

RENTAMETRIC | Technical Sales Engineer Intern
May 2014 – Aug 2014 | Bogota, Colombia
Became familiar with the telecommunication market in Latin America.
- Understand and used fiber optic equipment (Fusion Splicer and Optical Testers)
- Understand need of costumers and find solutions when client's requirements were not completely fulfilled.

TEACHING ASSISTANT

TULANE UNIVERSITY COMPUTER SCIENCE
Here is a brief list of the courses that I have taught as a Teacher Assistant:
- 2017 Summer, Introduction to Programming and Problem Solving in Python Lab.
- 2017 Spring, CS1600 : Intro to computer science II Lab.
- 2016 Fall, CS1500 : Intro to computer science I Lab.

AWARDS AND SOCIETIES
- 2017 International Business Machines Corporation Fellowship
- 2017 Get Magic Mentor
- 2016 Psychology Achievement Award.
- 2014 Second Place at IEEE Student Ethics Competition
- 2013 President of Society of Hispanic Professional Engineers
- 2011 University of New Orleans Carondolet Scholarship