

Joshuan Jimenez

Github: <https://github.com/JimenezJoshuan/>

Email: jimenezjoshuan@gmail.com

Linkedin: <https://www.linkedin.com/in/joshuan-jimenez-0a2059198/>

Education

Florida International University (GPA: 3.64)
Graduated Spring 2021
Bachelor of Science in Computer Science

Miami Dade College (GPA: 3.9)
Graduated May 2019
Associates of Arts Degree in Computer Science

Projects

DOOMed AI – SparkDev

- Worked with a team to create an AI that can play DOOM, the game
- Worked on the neural network in order for the AI to learn and adapt to the different scenarios
- Was done in Python using Tensorflow and Google Collab

StockX Predictor – Python Application

- Worked on an application that makes predictions about price movements in the stock market
- Observed Tesla's movements using LSTMs and Deep Neural Networks
- Uses Alpha Vantage api in order to pull latest info regarding a stock
- Uses Tensorflow, SKLearning, pandas, and matplotlib
- Written in Python on Jupyter notebook

JTLEX – Java Application for Research

- Worked on a timeline extraction proposed by a PhD student at FIU
- Worked on parser to JSON files with annotations
- Developed adapter in order to convert JSON annotations into appropriate TimeML features
- Worked in group with Agile workflow using SVN, Eclipse for Java, and Trello

Custom Motion Detection – Python App for Work

- Created an application for motion detection to record key moments of a press cycle.
- Camera records certain segments after detecting motion based on user inputs made on GUI (amount of time to record, delay timer)
- Designed interface using PySimpleGUI python library
- Used CV2 library to record and detect motion

Skills

Git, Python, Java, Oracle SQL, C#, ASP.NET, HTML, CSS, Javascript, Anaconda, Algorithms & Data Structures, Natural Language Processing, Artificial Intelligence, Linux, Agile

Experience

SQL Developer – SIMTEC Silicone Parts LLC (April 2020 – Current)

- Develop websites that use data from an Oracle database in order to present the company's data. Use ASP.NET framework, C# for backend, CSS, HTML, and JS
- Also developed code in Python for standalone projects such as customized motion detection

Research Assistant – Florida International University (COGNAC Lab) (April 2020 – Current)

- Work on coding tasks provided by mentor regarding Natural Language Processing
- Review, research, and write academic papers regarding topics such as Semantic Role Labeling, Semantic Analysis, and Event Extraction
- Working on a written survey on Semantic Role Labeling systems
- Reimplementing an SRL system devised by professor

Accomplishments

- Honors Member of Upsilon Pi Epsilon (UPE)
- Mentor at MentorFIU for Computer Science Students
- Attended as a Hacker To MakeHarvard

Relevant Courses

- Natural Language Processing
- Data structures
- Programming I & II
- Artificial Intelligence
- Data Science Course Dataquest
- Database Management
- Machine Learning