Juan Pablo Arenas Uribe

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Skills

Software Development and Proficiency

Python · JavaScript (Node.js) · Dart · Lua · Git · C++ · Docker · Kubernetes · Java · SQL · PyTorch · Angular · Vue · NoSQL · Protocol Buffers · LDAP

GitHub: https://github.com/jparenas

Education

DePauw University
B.A. Expected, December 2020
Major: Computer Science   Major GPA: 3.96
Minor: Mathematics

Experience

Incoming Software Engineer Intern   5/2020 – 8/2020
Two Sigma Investments LP, New York City, New York

Will work on designing and creating user interfaces for internal facing applications and supporting internal tools for simulation and modelling. Will use primarily Python for the applications.

Engineering Practicum Intern   5/2019 – 8/2019
Google LLC, San Francisco, California

Worked on designing and implementing a next-generation application for report creation, using already existing data sources, frameworks, and applications. Implemented insights for the data using internal tooling, designing and adapting the full stack of the application. Worked alongside UX designers to properly display the data. Used primarily Java and Dart for the application.

Information Technology Associates Program Associate   7/2017 – Present
DePauw University, Greencastle, Indiana

Trained on multiple rotations across different academic departments. Researched Deep Learning and implemented multiple Deep Learning algorithms using Keras and PyTorch in Python. Researched on timing attacks with Machine Learning applications. Implemented web application to aid in teaching Computer Science courses by using supplemental materials.

Research Intern   6/2018 – 9/2018
DePauw University, Greencastle, Indiana

Researched Machine Learning and Artificial Intelligence. Implemented a novel algorithm for a card game using Sci-kit learn in Python. Paper accepted to the Association for the Advancement of Artificial Intelligence - 2019 and subsequently published (DOI: 10.1609/aaai.v33i01.33019627).

Field Experience: Deep Learning, Blockchain, Machine Learning, Databases, Hosting, Full Stack Development, Data Processing, Single Page Applications.

Awards

Dean's List (DePauw University – Fall 2017, Summer 2018, Fall 2018, Summer 2019, Fall 2019)
EAAI Birds of a Feather Undergraduate Research Challenge Best Paper Award - Runner-Up
St. Mary's 2019 Data Science Hackathon – Winner

Volunteer Service and Additional Experience

Stone Scholar   7/2017 – 5/2018
DePauw University, Greencastle, Indiana

Volunteered over 100 hours in different locations across Greencastle. Attended the IMPACT conference of 2018.