Juan Pablo Arenas Uribe

408 S Locust Street UB# 5049, Greencastle, IN.
jarenasuribe_2021@depauw.edu · Mobile: (765) 301-8053
Website: jparenas.com · LinkedIn: juanpablo-arenas

Skills

Software Development and Proficiency

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

GitHub: https://github.com/jparenas

Education

DePauw University
B.A. Expected, December 2020

Major: Computer Science	Major GPA: 3.97
Major: Mathematics	Major GPA: 3.75

Experience

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

Worked and implemented a web service that interfaced with a MSSQL database and improved the performance compared to the legacy service that was replaced. Deployed the service on a highly-available Kubernetes cluster. Developed a CI/CD pipeline for continuous development and testing of the application, and implemented monitoring and alerting using the ELK stack for the service. Migrated all users of legacy service to new service.

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).

Awards

Dean's List (DePauw University – Fall 2017, Summer 2018, Fall 2018, Summer 2019, Fall 2019, Summer 2020)
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.