

Brennan Matriano

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Skills

Python, Java, C++, Ruby, JS,
HTML, CSS, Golang, Scala

Ruby On Rails, Flask, jQuery,
React, Express.JS, Node.JS,
JAX-RS

Redis, Hadoop, MySQL,
PostgreSQL

pytest, Mocha, RSpec

Awards

Champion, P&G Next 2019

Best Speaker, P&G Next 2019

2nd Place NASDAQ SMARTS
ToolDev Hackathon

2nd Place, Batch Systems
Analysis and Design
competition

4th Place P&G Moonshot
Hackathon

Philippine Senate Gold Medal
for Academic Excellence

Philippine Vice Presidential
Award for Academic
Excellence

MISA IMC 2017 3rd Place

Dean's Lister (2015-2019)

Seminars & Courses

Pattern Recognition, Financial
Applications, Algorithms and
Data Structures, Applications
Development, Network Security
and Hacking Countermeasures,
Computer Architecture,
Operating Systems,
Introduction to DevOps,
Systems Analysis and Design,
Database Systems, MichiganX
Introduction to UX
Computational Geometry and
Vector Analysis, Introduction to
Artificial Intelligence,
Enterprise Systems

Twitter - San Francisco, USA (Software Engineering Intern, June – August 2018)

Interned on the Database Site Reliability Engineering Team and created a system to monitor MySQL, PostgreSQL and Vertica database clusters that interfaces with several Twitter services to monitor hundreds of database servers and perform actions on them such as rebooting, testing, attribute setting, and reporting problems through Jira. Consists of both a Flask-based web app and a multithreaded scraper, both deployed to Apache Aurora.

Also assisted in the development of an app that monitors the growth of the databases of the DB SRE team's customers.

First Future - Quezon City, PH (Node.js + React Developer, November 2018 – January 2019)

Worked on a nationwide project funded by Philippine Business for Education and the Citi foundation to improve the employability of high school graduates. Handled the development of the backend, including the JWT-based authentication, and deployment to AWS EC2, and contributed to the development of several React components. 300~ signups within the first week of launch.

Ateneo Pedestrian and Traffic Computing Laboratory - Quezon City, PH (Research Assistant, January – May 2018)

Worked with the creation of course materials and Python libraries for CS 195.6/295.6, Financial Applications/Quantitative Trading Simulation.

Proper Agency - Quezon City, PH (Systems Analyst / Software Developer, September 2017 - May 2018)

Worked on the analysis of current project management processes and designed a new project management system. Lead the development of a Rails-based project management system following the analysis conducted.

Ateneo Social Computing Science Laboratory - Quezon City, PH (Web Development Intern, August - December 2017)

Developed the dashboard for a Philippine epidemic modeler web application for the Department of Health using AngularJS, began and lead the development of Android app to interact with the modeler's web service. Worked on test case creation and software testing.

Education

Ateneo De Manila University - BS Management Information Systems (2019)

Fr. B. Nebres Science Academic Scholarship recipient - GPA : 3.6/4 -
CS/MIS GPA: 3.7/4

Cum Laude