

# JOHN PATRICK AMATA

"If I have seen further, it is by standing on the shoulders of Giants." - Isaac Newton

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## EDUCATION

### BS COMPUTER SCIENCE

ASIA PACIFIC COLLEGE

Graduating May 2018 | Makati, PH

Specialization in Systems Software

## LINKS

[github.com/jpamata](https://github.com/jpamata)

[linkedin.com/in/jpamata](https://linkedin.com/in/jpamata)

## CERTIFICATIONS

MTA Database Administration

Fundamentals | 2017

Coursera Data Science

Math Skills | 2017

## COURSEWORK

### UNDERGRADUATE

Database Management

Software Development

Project Management

Operating Systems

Cloud Programming

### INDEPENDENT

Data Science Math Skills

Algorithms I

Algorithms II

## SKILLS

### LANGUAGES:

Proficient:

Java • Python

Intermediate:

SQL • JavaScript

Familiar:

C# • PHP • C++

### TECHNOLOGIES

ASP.NET MVC

Spring MVC

ReactJS

Node.js

Android

Git

## EXPERIENCE

### WILLIS TOWERS WATSON | SOFTWARE DEVELOPER INTERN

May 2017 – Dec 2017 (8 Months) | Taguig, PH

- Developed, performed unit tests, and pushed into production several UI enhancements for a financial web application.
- Rebuilt, debugged, and released into production an optimized Workforce Management System.
- Added a reporting tool and extended the logging parameters to accommodate users of different shifts for the workforce management system.
- Worked on 3 projects a workforce management system (desktop and web app) and 2 financial web applications.
- Worked with the Software Development Support Group and the Retirement Systems Group and learned Agile (Scrum) and SOLID Principles for dev tasks.
- Updated 3 user manuals for user acceptance testing.

## PROJECTS

### RSY FITNESS GYM | DEVELOPMENT

Website - C#, ASP.NET, Microsoft Azure

In a group of five, worked in the development of a website for RSY Fitness Gym where users can register or login accounts, view classes, and buy merchandise.

### CHATTRGLASS | DEVELOPMENT

Website - JavaScript, jQuery, Express.js, Node.js

A platform that enforces better collaboration between teams by allowing users to connect, create, and participate in chat groups in realtime and a focused newsfeed.

### JOBSETH | DEVELOPMENT

Blockchain Web App - JavaScript, Solidity, web3.js

A simple platform for posting job ads utilising the ethereum stack.

### MEDQA | RESEARCH, DEVELOPMENT

Natural Language Processing - Java, PHP, SQL, Elasticsearch, CoreNLP

Led a group of three to research and develop a console-based and web-based applications that reads and answers a user's question about diabetes using Natural Language Processing.

### EVALUATING MACHINE LEARNING ALGORITHMS FOR EMPLOYEE ATTRITION FORECASTING | RESEARCH, DEVELOPMENT

Undergrad Thesis - Python, Tensorflow, Clementine

Led a group of five to research, develop, and evaluate the efficiency of an intelligent human resources analytic system for analysing Employee Turnovers using neural networks.

### SM AUGMENTED REALITY APPLICATION | PROJECT MANAGEMENT

Android Application - Java, PHP, C#, Vuforia SDK

Tasked by the SM Hotels & Conventions Center and led a group to develop a mobile application utilising augmented reality to provide an interactive tour for its branches.

## EXTRACURRICULAR

### • APC Junior Information Systems Security Association

Jun 2016 - Dec 2016 | Finance - Asst. Director

### • Asia-Pacific Economic Cooperation (APEC)

Nov 2015 | Student Volunteer