

JOHN PATRICK AMATA

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EDUCATION

Bachelor of Science in Computer Science

May 21, 2018

Asia Pacific College - School of Computing and Information Technologies

Undergrad Thesis - Evaluating Machine Learning Algorithms for Employee Attrition Forecasting

TECHNICAL SKILLS

Languages Java, Python, C#, JavaScript, SQL

Technologies ASP.NET, Node.js, ReactJS, Git, SQL Server

Certifications MTA - Database Administration Fundamentals, Coursera - Data Science Math Skills

EXPERIENCE

Software Developer Intern at Willis Towers Watson

May 2017 - Dec 2017

Bonifacio Global City, Metro Manila, Philippines

- **Agile Development:** Practiced agile development with 2 teams (Software Development Support & Retirement Systems) while working on the back end and front end of the following 3 projects below.
- **Workforce Management System:** An internal system that consists of a desktop and a web app that logs attendance and generates reports for the department. I developed several reporting tools (.NET), released the desktop app into production (WinForms), and debugged several backend issues (SQL Stored Procedures).
- **Retirement Contribution (Web) App:** Used by Philippine banks to create reports and maintain a database for their employee's retirement contributions. I made several frontend enhancements (jQuery, .NET), and updated 3 user manuals for user acceptance testing.
- **Prevalence Reports (Web) App:** Used globally by departments of Willis Towers Watson involved in creating financial reports. I debugged issues with the report generators (.NET) and did several frontend enhancements (AngularJS).

LEADERSHIP & ORGANIZATION

Project Manager

Jan 2017 - May 2017

SM Hotels & Convention Center and Asia Pacific College

- I was tasked by the Vice President of Marketing of the SM Hotels & Conventions Center to lead a group to develop an android application utilising augmented reality to provide an interactive tour for its branches. I used the project as coursework credit for my Software Development class at Asia Pacific College.

Asst. Director of Finance

2016

APC Junior Information Systems Security Association

- Organized fund raising, auditing, and overviewing the finances of the organization.

ACADEMIC PROJECTS

- **RSY Fitness Gym**, a website for RSY Fitness Gym where users can register or login accounts, view classes, and buy merchandise. Deployed to Microsoft Azure. **Utilized C#, ASP.NET, and Microsoft Azure.**
- **MedQA**, a console and web-based application that reads and answers a users question about diabetes using Natural Language Processing. **Utilized Java, PHP, SQL, Elasticsearch, and Stanford CoreNLP.**

EXTRACURRICULAR

- Student Volunteer at the **Virlanie Foundation** 2016
- Student Volunteer at the **Asia-Pacific Economic Cooperation**
under the Office of the Deputy Director General for Operations 2015