

John Paul N. Ada

SOFTWARE ENGINEER

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"Losers have goals. Winners have systems."

Education

UPVTC (University of the Philippines Visayas Tacloban College)

Tacloban City, Philippines

B.A. IN PSYCHOLOGY

Jun. 2010 - Jun. 2016

- UP Amplify founding member.
- UP Tacloban Debate Society trainee.

UEPLLHS (UEP Laoang Laboratory High School)

Laoang, Northern Samar,
Philippines

HIGH SCHOOL

Jun. 2006 - Mar. 2010

- President of the science club for 4 years.
- Northern Samar Division Science Quiz Bee champion for two years.
- Northern Samar Division Science Super Quiz Bee and Science Trivia Champion (S.Y. 2009 - 10).
- Got 2nd place in the Regional Science Quiz Bee (S.Y. 2009 - 10).

P.M. Geta Memorial Elementary School

Laoang, Northern Samar,
Philippines

ELEMENTARY

Jun. 2000 - Mar. 2006

- President of the science club for 5 years.
- Northern Samar Division Elementary Science Quiz Bee champion for three years.
- Went to the National Schools Press Conference in the Copywriting and Headline Writing competition.

Experience

GoAbroad Philippines, Inc.

Tacloban City, Philippines

SOFTWARE ENGINEER

Feb. 2015 - PRESENT

- Part of the pair that finished the SolAbroad website.
- Worked on front-end and back-end of GoCambio.
- Working on back-end and mobile implementation of ThankYouSpot.
- Researched AWS use cases as a member of the R&D department.
- Created a image compression service.
- Created GoAbroad.com easy setup Docker image.
- Created highly optimized static site boilerplate for ThankYouSpot.

Projects

Microsoft ML Experiment Notebooks

Tacloban City, Philippines

CREATOR

2017

- Created machine learning experiments using Microsoft ML.
- Used Jupyter Notebooks for experimentation and ease of sharing results.

Story Breeding

Tacloban City, Philippines

CREATOR

2017

- Created a web app that searches for random pairs of stories for inspiration.
- Built over my Project Savitar static site starter kit.
- Uses Coinhive instead of ads for monetization.

Unofficial Microsoft ML Server Docker Image

Tacloban City, Philippines

MAINTAINER

2017

- Created a Docker image (unofficial) for the Microsoft Machine Learning Server.

Analyzr

SOLE DEVELOPER

Tacloban City, Philippines

2017

- Created the Analyzr free Inferential Statistics app.
- Created the stateses npm package that the Analyzr app uses.
- Implemented the statistical analysis algorithms with vanilla Javascript.
- Built the app with React Native

Learning Site Downloaders

CREATOR

Tacloban City, Philippines

2017

- Created video download helper scripts for Lynda, LinkedIn Learning, Laracasts, egghead, and Pluralsight.
- Implemented with Javascript, Python and Selenium.

Project Savitar

CREATOR

Tacloban City, Philippines

2017

- Created static site boilerplate that scores 100% on Google's Pagespeed Insights and Lighthouse tools.
- Implemented cutting-edge techniques on both backend and frontend to greatly optimize site performance.

Facial Emotion Detection Program

DEVELOPER

Tacloban City, Philippines

2017

- Created a facial emotion detection program with 75% accuracy.
- Built an Extremely Randomized Trees classifier with scikit-learn for this program.

UHomes Crowdsourced Buy and Sell App Prototype

DEVELOPER

Cebu City, Philippines

2017

- Built the UHomes app prototype that finds homes from a crowdsourced list.
- Used GraphQL and React Native to build the app.
- Built in less than 24 hours.

Remake App

TEAM MEMBER

Tacloban City, Philippines

2016

- Part of the team that developed the Remake trash recognition and upcycling mobile app.
- Won second place in HackTheClimate hackathon held during the 2016 National ICT Summit.
- Used React Native for the mobile app, GraphCool for the backend and Google Cognitive services for image recognition.

Tacloban Medicine Delivery App Prototype

SOLE DEVELOPER

Tacloban City, Philippines

2017

- Created a medicine delivery system prototype based in Tacloban City.
- Used React Native for the mobile app and GraphCool for the backend.

Image Compression Service

DEVELOPER/MAINTAINER

Tacloban City, Philippines

2017

- Built an image compression service for jpeg and png.
- Created a docker image for the service.

iQuomply - Hospital Standards Compliance System

OUTSOURCED DEVELOPER

Manila, Philippines

2016

- Implemented design and functionality of the iQuomply system.
- Used MeteorJS for functionality and Materialize as design framework.
- Proposed deployment plan for the application.

Simple Employee Performance Prediction Program

SOLE DEVELOPER

Tacloban City, Philippines

2015

- Predicts an employee's future performance given past employee data.
- Used Python and scikit-learn for machine learning.

Budget Buddy

OUTSOURCED DEVELOPER

Tacloban City, Philippines

2015

- Implemented the Budget Buddy weekly budget management Android app from given specs.

DISC Assessment App

SOLE DEVELOPER

Tacloban City, Philippines

2016

- Designed and implemented a DISC communication style assessment app.
- Used VueJS as frontend framework and ChartJS for the pie charts.

Purchase Order and Inventory Desktop App

SOLE DEVELOPER

Tacloban City, Philippines

2016

- Created an application that serves as an inventory while also stores purchase orders.
- Used VueJS and Electron to develop a desktop app with web technologies.

Twin Bee: Next Hive

TEAM LEADER

Tacloban City, Philippines

2011

- Developed a 2d space shooter game based on the Twin Bee game with a techno-twist.
- Used Java's Graphics API to build the game.

Skills

LANGUAGES

- **Python**, Elixir *Interpreted*
- **Java**, C, Go *Compiled*
- **JavaScript**, Elm, PHP *Web*

FRAMEWORKS & LIBRARIES

- **React**, Vue, Cell, Svelte *Front-end Web*
- **Symfony3**, Lumen *Back-end Web*
- **Meteor**, Feathers *Full Stack Web*
- **React Native**, Android SDK, Cordova *Mobile*
- **Pingy**, Fusebox, Webpack, Grunt, Gulp *Build Tools*
- **Scikit-Learn**, Jupyter, Numpy, SciPy, Pandas, Keras (on TensorFlow) *Machine Learning*

SOFTWARE

- **Sketch**, Photoshop, Gravit Designer *Graphic Design*
- **After Effects**, Vegas Pro, Premiere Pro, 3DS Max *Video Editing*
- **FL Studio**, Ableton Live *Music Creation*
- **PowerPoint**, Keynote, Prezi *Presentation*
- **Adobe XD**, Invision, Principle, Origami *Prototyping*
- **MS Word**, InDesign *Documents*
- **SPSS**, MS Excel *Statistics*
- **Linux**, macOS, Windows *Operating System*

Events & Trainings

CONFERENCES/EVENTS

- 2017 **Google I/O Extended Leyte**, Attended as volunteer and audience for the event. *Manila, Philippines*
- 2017 **AWS Summit**, Attended the 2017 Amazon Web Services Summit Manila *Manila, Philippines*
- 2016 **National ICT Summit**, Attended for the HackTheClimate hackathon presentation and awarding *Leyte, Philippines*
- 2016 **PAPJA Convention**, Psychological Association of the Philippines Junior Affiliates 2016 Convention *Manila, Philippines*

TRAINING

2016	AWS Technical Essentials , The event served as an AWS Technical Essentials course.	Manila, Philippines
2016	Scrum Training , Received training on Scrum methodology and practices.	GAP Labs, Philippines
2015	Katatagan Training , Received training for the administration of the Katatagan Resilience Program designed by the Psychological Association of the Philippines.	UP Tacloban, Philippines
2015	Music Video Creation Training , Learned how to make a music video.	Tacloban, Philippines

Certifications & Awards

CERTIFICATIONS

2017	PhilNITS/JITSE , Philippine National I.T. Standards FE Exam Passer	Philippines
2009	PC Operations N.C. II , TESDA Certified in PC Operations	Philippines

AWARDS

2016	2nd Place , HackTheClimate Hackathon during the National ICT Summit	Philippines
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Presentation

2nd Programmers, Developers Meetup

Manila, Philippines

Azure Machine Learning Presenter, Microsoft PH

Aug. 2016

- Talked about Machine Learning.
- Demonstrated the Azure Machine Learning platform by building an employee performance prediction model in Azure ML.

Bataan Tech Caravan

Balanga, Bataan, Philippines

Machine Learning Speaker, Bataan Peninsula State University

Sept. 2017

- Taught basic Python to students.
- Explained the data science process.
- Created an emotion detection program to demonstrate Machine Learning in Python.

SLSU Annual IT Seminar

Southern Leyte, Philippines

Backend Development Speaker, Southern Leyte State University

Feb. 2017

- Talked about monolithic and non-monolithic web architectures.
- Discussed REST APIs and the three-tier architecture.
- Built a simple REST API in pure PHP.

UEP CS Days

Southern Leyte, Philippines

IoT Speaker, University of Eastern Philippines

Feb. 2017

- Talked about and demoed Arduino and NodeRED basics for the Internet of Things.
- Built a vibration detector and a simple server during the demo.

LNU CS/IT Seminar

Tacloban City, Philippines

Resource Speaker, Leyte Normal University

Jan. 2017

- Exhibited a couple of tools and techniques students can use to implement an agile development workflow.

Writing

TestLab and Programmers, Developers (Medium)

Medium Blog

Writer

2016 - PRESENT

- Writes for TestLab and Programmers, Developers Medium Publications.
- Writes articles about (mostly) JavaScript and Machine Learning.

Program Committees

2016	Member, Marketing Team , Philippine Junior Jaycees National Convention	Philippines
2015	Member, Student Electoral Board , UP Tacloban Elections	Philippines
2016	Committee Head, J-Rock Competition Committee , UP Anima Convention	Philippines