

Ramon Ayco, Jr.

Web Developer with GIS experience

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OBJECTIVE

To obtain a position where creativity can be used for developing software or website components

PROFILE

- Over four years of professional experience in developing crucial Information Systems used by private businesses and government offices, analyzing and optimizing their work processes, and leading teams of developers for various projects
- Technical background in building web applications using open source technologies such as PHP, Python, Javascript, AngularJS, etc.
- Experience in Image Processing with various real-world applications
- Has experience in writing and copyediting technical papers to be submitted to various publishing journals

EXPERIENCE

Infor, Technology Development

Software Engineer

JANUARY 2016 - PRESENT

Role:

Project NOAH, Department of Science and Technology

Project Manager (WebSAFE Project)

JANUARY 2015 - DECEMBER 2015

Role: Innovate and improve the risk assessment tool and manage the team of developers and GIS specialists

(In the News: [Project NOAH launches WebSAFE](#))

Project NOAH, Department of Science and Technology

Senior Web Developer (Frontend)

JULY 2014 - DECEMBER 2015

Role: Research and implement technologies, provide technical insight for presentations, conferences, and papers, develop and maintain the website

WEB DEVELOPMENT

AngularJS, JavaScript, JQuery,
CSS3, PHP, HTML5

MySQL, PostgreSQL

Wordpress, Blogger, Joomla

PROGRAMMING LANGUAGES

C, Java, C#, C++, Python

SPEAKING ENGAGEMENTS



**Free and Open Source
Software for Geospatial 2015**
Web and Framework
Sep. 17, 2015
The K Seoul Hotel, Seoul, Korea



**Asian Conference on Remote
Sensing 2015**
WebGIS & Digital Earth
Oct. 22, 2015
Crowne Plaza Manila Galleria,
Oritigas



DevCon Summit 2015
Web Development Special Track
Nov. 14, 2015
SMX Convention Center,
SM Mall of Asia

LANGUAGES

English, Filipino

EXPERIENCE

UPLB-ITC, University of the Philippines Los Baños

System Analyst

NOVEMBER 2011 - JUNE 2014

Role: Develop programs to implement system design and produce software products, participate and assist in system analysis and design processes as well as testing, debugging, and deployment

EDUCATION

University of the Philippines Los Baños, Laguna, PH

BS Computer Science

JUNE 2005 - OCTOBER 2011

North Fairview High School, Quezon City, PH

High School Diploma

JUNE 2001 - APRIL 2005

PROJECTS

WebSAFE — <http://noah.dost.gov.ph> and <http://noah.dost.gov.ph/websafedata>

Built with free and open source software InaSAFE, WebSAFE is an impact assessment tool used in the Philippines to calculate the needs of a community considering the effects of a particular hazard. This feature is accessible in the Project NOAH web app

Project NOAH 2.0 — <http://noah.dost.gov.ph>

Built with various open source technologies such as Python, Open Layers 3, Tornado Web, we used AngularJS as the framework for the web application.

PhilGRSS Website — <http://philgrss.org>

This is a website for the Philippine Geosciences and Remote Sensing Society (PhilGRSS), a group of experts in the field of Remote Sensing whose objective is to promote and advance the application of Remote Sensing in areas of education, industry, research, and public service for the Filipino people and the country.

UPLB DocuTrack — <http://quinine.uplb.edu.ph>

Document tracking system used by UPLB employees to monitor the flow of documents in UPLB

Upbeat Merchandise — <http://upbeat.ph>

This is an e-commerce website built with Wordpress WooCommerce

Implementation of Various Loop Scheduling Algorithms on Desktop Grids

A study of the performances of various loop scheduling algorithms using a trivial case of an embarrassingly parallel problem as test bed over an increasing size of desktop grids. Programs are written in C Programming using Sockets.