



March 29, 1993
Phase 3, Blk. 25, Lot 10, Tirol Street
St. Joseph Village, Barangay Cubay
Jaro, Iloilo City 5000
+6399 8980 4776
(033) 330 86 98
ksolacito@gmail.com
[LinkedIn Profile](#)

Kent Michael Cabalfin-Solacito

EXPERIENCE	Jan 2016 – Present	IT Manager, 1010Life Training & Business Consultancy
	Mar 2015 – Dec 2015	Lead Developer, DOST VI - MIS
	July 2014– Jan 2015	Mobile App Developer, Eversun Software Philippines Corp.
	May 2014 – July 2014	Front-End Developer, Project Assistant

EDUCATION	2010 - 2014	University of the Philippines Visayas - Miag-ao Campus BS Computer Science, <i>magna cum laude</i>
	2006 - 2010	Philippine Science High School Western Visayas Campus Graduated with <i>High Honors</i>
	1998 - 2006	Filipino-American School Town <i>Valedictorian</i>

TECHNICAL SKILLS	Languages	C, Python, C++, Java, PHP, MySQL, HTML5, CSS3, Assembly, Android (XML & Java), CLISP, JavaScript, Xamarin Studio, iOS (Objective-C and Swift)
	Operating Systems	Windows, Linux, UNIX, MacOS
	Applications	Microsoft Office, Open Office, Gimp, Blender 3D Software, Adobe Photoshop Lightroom

Frameworks	jQuery, CodeIgniter, Bootstrap, Laravel, Ionic 2
CMS	WordPress, Drupal, Shopify, Open Cart

**COURSES
TAKEN**

Fundamentals of Programming

Discrete Mathematical Structures in Computer Science

Logical Design & Digital Computer Circuits

File Processing & Database Systems

Computer Organization & Machine Level Programming

Automata & Language Theory

Design and Implementation of Programming Languages

Operating Systems

Computer Architecture

Web Engineering

System Analysis and Design

Data Communications and Networking

3D Computer Graphics and Animation

Ethical and Professional Issues in Computing

Design & Analysis of Algorithms

Computer Hardware Servicing

Management Information Systems (MIS)

Introduction to Artificial Intelligence

Computer Vision using OpenCV

PROJECTS

University of the Philippines Enrollment Priority Queue System

2012-2013

Role: Developer, Project Manager

Socket Programming | Python | Tkinter (Python System)

PHP | HTML5 | CSS3 | MySQL | PHPUnit | AJAX (Web System)

A group project required for BS Computer Science. A simple queuing system to be used by student registration volunteers during enrollment period. It contains two main views namely one for the audience containing the queue status and another for the admin side.

Iskonnnect

2012-2013

Role: Developer, Tester

PHP | HTML5 | CSS3 | MySQL | PHPUnit | AJAX | JavaScript

A class project required for BS Computer Science. A simple social network that is like Facebook and Google+. The features that were assigned to me were Status, Comment, Like and Tagging.

Rarejob

2012-2013

Role: Online English Tutor

An online English tutorial lesson to Japanese students.

Small Enterprise and Entrepreneurial Development Services Technology Business Incubation (SEEDS-TBI) Web Portal

April – May 2013

Role: Developer, Project Manager

PHP | HTML5 | CSS3 | MySQL | CodeIgniter

This is a web portal with an objective of helping 'technopreneurs' foster commercial growth. This was a requirement for the practicum in Easy Tech. The site contains dashboard for the companies, forum for topic discussion and a news/blog page.

“Deal or No Deal” JavaScript Game

Oct 2013

Role: Developer

HTML5 | CSS3 | MySQL | JavaScript | AJAX | JavaScript

A simple game modeled after the popular television show of the same name. An added feature for this project is a leaderboard which will automatically update the data if ever there are changes using AJAX.

“Deal or No Deal” JavaScript Game

Oct 2013

Role: Developer

HTML5 | CSS3 | MySQL | JavaScript | AJAX | jQuery

A simple game modeled after the popular television show of the same name. An added feature for this project is a leaderboard which will automatically update the data if ever there are changes using AJAX.

Live Chat Application

Oct 2013

Role: Developer

PHP | HTML5 | CSS3 | MySQL | JavaScript | AJAX | jQuery

A project required for one of my classes that utilizes AJAX. A user can create an account to join the chatroom where messages are automatically updated.

Augmented Reality Minigame

Jan - Feb 2014

Role: Developer

Python | OpenCV | Computer Vision

A project required for our Computer Vision class. The project uses Python OpenCV and an external webcam to simulate interactions between computer-generated objects interact and people. It detects cans with a specified color and act as buckets in catching virtual snowflakes from the screen output.

UPV CMSC Community Board

June 2013 – Oct 2013

Role: Developer

PHP | HTML5 | CSS3 | MySQL | CodeIgniter

This is an educational forum specifically aimed for Computer Science students of UPV. It contains a specific forum page for each subject listed in the curriculum to promote discussion and sharing of knowledge between students and alumni.

Flappy Bird Automatic Tapper

Mar 2014

Role: Developer

Python | OpenCV | Computer Vision | Arduino | AI

Another project required for our Computer Vision Class. This time an external webcam is used to analyze the screen of a tablet running the game Flappy Bird. Also, there is an Arduino microcontroller programmed to tap the screen when a signal is sent. Using OpenCV, the obstacles in the game are analyzed and wrapped in a border to solve the times in which the signal to tap will be sent.

University Portal for Students

June 2012 – Oct 2012

Role: Developer, Team Leader

PHP | HTML5 | CSS3 | MySQL

This project was required for our Database Class. Some of its features included enlistment of subjects and viewing of grades. Another feature is the availability to enlist subjects based on schedule availability, year level and passed prerequisites.

Backgammon AI Agent

Mar 2014 – April 2014

Role: Developer

Python | Artificial Intelligence | Uncertainty

This was the last output required for our subject in Artificial Intelligence. It creates an AI Agent that implements the expectiminimax algorithm to determine the next optimal move to take.

Pawnshop Companion Android Application

June 2013 – Mar 2014

Role: Android Developer, Web API Developer, Project Manager

Android | Eclipse | XML | JSON | JAVA | CodeIgniter | HTML5 | CSS3 | MySQL

This project was my thesis. This application gains access to a remote server which is a web-based system to display needed data parsed in JSON format as well as some offline utilities like Appraisal, Interest and Money Transfer Calculator. We opted not to upload this to the Google Play Store since it is custom made for a specific client.

WordPress Websites

May 12, 2014 – July 15, 2014

Role: Front-End Developer

Lynwood Dental

<http://lynwooddental.com/>

Chapin Dental Associates

<http://chapindentist.com/>

Charleston Smiles

<https://www.charleston-smiles.com/>

Cedarwood Dental

<http://cedarwooddentalcare.com/>

Project Assistant

<http://projectassistant.org/>

Charleston Black Cab Company

<https://www.charlestonblackcabcompany.com/>

These are the websites that I have worked on while I was in Project Assistant as a Front-End Developer.

Trice Needle Embedded System

July 24,2014 – Jan 15, 2015

Role: Mobile App Developer, Web Developer, Project Manager

Android | Android Studio | XML | JAVA

This was my second job after graduating from college. The first task that was given to me was to develop a custom camera application (to be used with a medical equipment from <http://www.tricemedical.com>), using Android Studio, for a custom hardware running Android. The app can capture, view and organize/group the images taken. I'm the only person doing this task.

One Expert PH

Mar 23,2015 – Dec 29, 2015

Role: Lead Programmer, Project Manager

CodeIgniter | Bootstrap | jQuery | AJAX | JSON

This is a national project assigned to DOST VI. It is a web portal aimed for students, researcher and SMEs for easier access to the different services offered by DOST like consultancy programs. The site can be accessed via: <https://oneexpert.gov.ph/>

LEADERSHIP	2012 - 2014	UPV CAS Student Registration Volunteer
	2012 - 2013	President, Komsai.org
	2010 - 2011	Team Leader, NSTP-CWTS

- ACHIEVEMENTS** Presidential Scholarship Grantee
- 1st Place Programming Contest PSITS Regional Congress 2013
- Finalist, Ideaspace Contest YFIT 2013
- Phi Kappa Phi Honor Society Member
- Philippine Society for Information Technology Educators (PSITE) Excellence Award
- Resource Speaker, "Overview on Android Development"
- Resource Speaker, "Kickstart Android Workshop with Google Student Ambassadors"
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- TRAININGS ATTENDED** Philippine Society of Information Technology Students (PSITS) – Western Visayas 2013 Regional IT Congress
- First Drupal Campus Tour Iloilo
- Microsoft Get2Modern Roadshow
- Philippine Transport App Challenge Iloilo
- PhilNITS Orientation Iloilo
- Youth for Information Technology (Y4iT) XI
- Google Cloud Developer Challenge Bootcamp – Iloilo City
- The Leader In You with Michelle Leong
- Out of This World: Think. Create. Design with Joshua Kim
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REFERENCES

PROF. FRANCIS DIMZON

Instructor, Department of Physical Sciences and Mathematics
fddimzon@upv.edu.ph

PROF. NILO ARANETA

Adviser, Department of Physical Sciences and Mathematics
ncaraneta@gmail.com

MS. MICHELLE LEONG

CEO, 1010Life Training and Business Consultancy
michelle@tenten-life.com

MR. GARRY BALINON

Supervisor, DOST VI – MIS
gbalinon@gmail.com
