

Ivan Setiawan

A professional and motivated individual with interest in programming technology

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EDUCATION

University of Illinois at Urbana – Champaign

Urbana, Illinois

Master of Science in Technology and Management, **May 2014**

GPA: 3.62/4.00

Bachelor of Science in Electrical Engineering with Minor in Computer Science, **May 2012**

PROFESSIONAL EXPERIENCE

Monsanto Company

Creve Coeur, Missouri

Windows Support Team Co-op, IT Department

January 2013 - June 2013

- Identified non-compliant Windows servers and fixed issues automatically by setting up rules in BMC BladeLogic
- Trained Windows Support Team in Bangalore, India, on how to fix non-compliance servers
- Resolved 189 tickets as Windows Support Team from January 2013 - June 2013

Foothill - De Anza Community College

Los Altos Hills, California

Academic Tutor, Tutoring Service Department

August 2008 - April 2009

- Supervised 3 students with their homework problems and examination preparation in Mathematics and English as Second Language (ESL)

TECHNICAL SKILLS

- Programming language: C++, C, VHDL, SQL, PHP, Java, HTML, CSS, Python, Microsoft Access, R, JavaScript, jQuery, Xcode5 for IOS Development, SSRS, SSIS
- Hardware: ATmega328 Arduino microprocessor, Altera FPGA Board

PROJECTS AND ACTIVITIES

Helicopter Game Project for iPhone

August 2014 - Present

- Designing a simple mobile game application using Xcode for iOS programming
- The game has a side scrolling format and the player controls a helicopter without coming in contact with obstacles

Python Games Design Projects

July 2014 - Present

- Designing various simple games, such as Blackjack, Pong, Guess the Memory, and Spaceship using Python

Bosch Pest Control Database Project

February 2014 - May 2014

- Designed ticket ordering systems for Bosch Pest Service using Microsoft Access
- Implemented a functionality for Microsoft Access to automatically feed the calendar for new service

Technical Consultant at CUBE (Champaign Urbana Business Engineering) Consulting

iFoundry Course Catalogue

September 2013 - May 2014

- Improved and redesigned the way General Education Courses are presented to College of Engineering James Scholar students to make it more dynamic
- Recommended classification of General Education courses into different themes related to engineers' careers

Electric Air Guitar Senior Design Project, ECE 445

January 2012 - May 2012

- Designed a wearable musical instrument that dynamically tracks hand positions to interpret virtual guitar playing
- Developed C-based software running on an ATmega328 Arduino microprocessor to simulate guitar string audio
- ECE 445 Senior Design Project Hall of Fame in Art and Music

Database-Driven Web-Based Information System, CS 411

October 2011 - December 2011

- Designed social networking database system using HTML, PHP, and SQL
- Used Google Map API and web crawling technique to parse information from the website

RESEARCH EXPERIENCE

Business Policy and Strategy Independent Study

August 2013 - December 2013

- Conducted an analysis of the Infrastructure as a Service (IaaS) industry's growth, which revealed a 41.6% adoption in the next five years
- Analyzed Amazon Web Service's corporate and business level strategies in IaaS industry

Languages: Bahasa Indonesia (native), English (professional working experience)