

# Pandu Akbar Dwikatama

A tech geek and an IT Programmer from Bandung, Indonesia, passionate about web and application technologies, as well as game development. I completed and will graduate on March or April 2019 from Bandung Institute of Technology (ITB), Indonesia, with a masters degree majoring in Intelligent Systems, and minoring in interactive applications and games.



## PERSONAL DATA

Bandung, Indonesian  
Garut, 5 October 1991  
Male  
085974922223  
Pandu51091@gmail.com

## EDUCATION

**Bachelor in Electrical Engineering**  
Bandung Institute of Technology (ITB),  
Graduated in 2014  
Bandung, West Java  
GPA 3.30 (out of 4.00)

**Master in Informatics**  
Bandung Institute of Technology (ITB),  
Graduated in 2019  
Bandung, West Java  
GPA \_ (out of 4.00)

## SKILLS

### **Best Skills:**

C#  
Microsoft SQL Server  
Entity Framework  
ASP .Net  
Sitecore  
Unity3D

## INTERNSHIP

**PT Xacti Indonesia**  
2013

PXI (PT. Xacti Indonesia), was known as PT. SDIS (Sanyo Digital Image Solution), is a company working on digital camera devices assembling.

## WORKING EXPERIENCE

**Xtremax Pte. Ltd.**

December 2014 – February 2017

**Position:** ASP.Net C# Programmer /  
Back-End Developer

### **Responsibilities:**

- Managing data relations on DBMS (Database Management System).
- Managing pages structure on WCMS (Web Content Management System); Sitecore & Sitefinity.
- Effectively and efficiently processing and filtering data to be shown on the site page.

**Geekseat**

March 2018 – September 2018

**Position:** Full-Stack Programmer

### **Responsibilities:**

- Building Android / IOS app using React Native.
- Building website using ReactJs.

### **Experienced skills:**

CSS, HTML  
Sitefinity  
JavaScript  
Java, C, Pascal  
PHP

### **Other Skills:**

Photoshop, CorelDraw

### **INTERESTS**

Game Making  
Computer / Laptop / Smartphone  
Singing  
Playing Guitar/Drum/Keyboard  
Gaming  
Travelling  
Drawing

### **SCHOOL PROJECTS**

#### **NNMPM - Fluid Simulation Based on Material Point Method with Neural Network 2018**

**(Thesis)**

NNMPM is an alternative solution of fluid simulation to speed up the framerate. NNMPM utilizes neural network to bypass some of the calculations and simplify the process.

#### **Find Object 2017**

**Unity3D**

Find object is a puzzle game in Virtual Reality made with Unity. The objection of this game is to search and find things listed. By using Leap Motion, players are able to use their real hands to naturally interact with the game environments.

**Demo:** [https://youtu.be/L84hi2B4\\_30](https://youtu.be/L84hi2B4_30)

#### **Run! Kill'em FTW 2017**

**Unity3D**

Run! Kill'em FTW is a multiplayer game on android made with Unity. This game is a race game where players can use their weapon to slow the opponents.

**Demo:** <https://youtu.be/1DriQcMslPk>

#### **Database Server and Website Design Of Visitor Information System For Railway Station 2014**

**(Bachelor Final Project)**

An online service processing and forwarding data from trains to be shown at railway stations. This service consists of database server and website. It's created using Microsoft SQL Server and PHP.

### **WORK PROJECTS**

#### **Conpago, Australia**

**2018**

As Javascript developer for Android / IOS, React Native

#### **iScreen, Australia**

**2018**

As Javascript developer for website, React JS

**Singapore Night Festival 2016, Singapore  
2016**

**W<sup>3</sup> Awards Silver 2016**

As back-end developer, ASP .NET

**President's Design Award, Singapore  
2016**

As back-end developer, ASP .NET

**Continuing Professional Development,  
Singapore**

**2016**

As back-end developer, ASP .NET

**Infocomm Media Development Authority,  
Singapore**

**2016**

As back-end developer, ASP .NET

**Go Safe Online, Singapore  
2016**

**BEST IN CLASS: Government**

As back-end developer, ASP .NET

**Ministry of Manpower, Singapore  
2015**

As back-end developer, ASP .NET

**National Heritage Board, Singapore  
2015**

As back-end developer, ASP .NET

**Majlis Bahasa Melayu Singapura,  
Singapore**

**2015**

As back-end developer, ASP .NET

**Sun Yat Sen Nanyang Memorial Hall,  
Singapore**

**2015**

As back-end developer, ASP .NET