

JAMES PEÑERO MASANGCAY

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Objective

To serve and maximize my full potential as an individual on a company which will bring out the best out of me. In this way I can greatly contribute and become an instrument for the companies need, for an improvement and advancement.

Personal Information

Nickname:	Boots	Age:	24 years old
Civil Status:	Single	Gender:	Male
Date of Birth:	November 20, 1994	Place of Birth:	Quezon City
Height:	5'3"	Weight:	55 kg.
Religion:	Born Again Christian	Citizenship:	Filipino

Skills (skills in **bold** text are my primary skills)

- Extensive Knowledge in Microsoft Office Word, Power Point, Excel and Movie maker.
- Hardware and software computer repair.
- C, Visual Basic and Java programming advance knowledge.
- **HTML, CSS and Javascript advance knowledge.**
- **PHP, Laravel Framework advance knowledge.**
- **Angular, Ionic Framework advance knowledge.**
- Experience in computer jobs.
- **Knowledgeable in Adobe Softwares and designs.**
- **Creative works in designs.**
- Android App development.
- Arduino-based projects knowledge.
- **Linux Server and Linux Environment (web project deployment)**
- **DigitalOcean, AWS and other web services**

Educational Background

(QCPU) Quezon City Polytechnic University

Bachelor of Science in Information Technology (Undergrad)

San Bartolome, Novaliches, Quezon City

(UCC) University of Caloocan City

Bachelor of Science in Information Technology (Graduate)

General San Miguel St, Sangandaan, Caloocan, Metro Manila

Projects / Works

Bebsy Inventory (1st Year ,1st Sem) (Finished)

Language: Turbo C

Description: An all-purpose inventory system using C language that uses FILE IO as its main database.

KPL Industrial Supply Inventory System (2nd Year ,1st Sem) (Finished)

Language: VB .NET, SQL

Description: An inventory program used by the company KPL Industrial Supply for their product inventory **management**. It uses Microsoft Access as its database.

UCC Examination System (2nd Year, 2nd Sem) (Finished)

Language: C# .NET, SQL

Description: A computerized examination system that allows a professor the deploy examination through local area network. It is also the first system that I wrote that has network-based algorithm. It also uses Microsoft Access database that is file-shared through LAN.

Virtue Payroll System (3rd Year, 1st Sem) (Finished)

Language: PHP, HTML, CSS, Javascript, SQL

Description: Our first fully functional web-based system co-created with my friends (group mates). It gives full payroll computation system the company that will use it. We used MySQL as our database.

St. Gabriel's Academy DTR System (3rd Year, 1st Sem) (Finished)

Language: C# .NET, C, SQL

Description: My first arduino-based project. This is systems uses RFID (Radio-Frequency Identification Card) as its ID to keep record of the school teacher's attendance. I used Arduino Uno and RFID-RC522 Module with 13.56MHz RFID here.

Titan's Internet Café Management System (3rd Year, 2nd Sem) (In Progress)

Language: VB .NET, C, SQL

Description: This is where I first used TCP connection as my main network algorithm. Instead of using file-shared database file or network-based database like MySQL, I used SQLite as my database and uses TCP connection to send data from client to server.

HRIS (Sytian Internship) (In Progress)

Language: PHP, Laravel Framework

Description: I got a taste of what the industry programmers are doing. I used advance framework for the first time and fine it easy to code and make my project faster and cleaner.

Tap N' Eat (Ordering System) (Thesis) (Finished)

Language: PHP, Laravel Framework, NodeJS, Angular, Ionic

Description: My final educational project. I placed all my efforts in here because I really think that since this will be my final project in school, I should give my all and use everything that I learned from 4 years of study.

Xchanged App (Finished)

Language: PHP, Laravel Framework, React Native

Description: The project I worked for in iConnect. We used Laravel in this project as backend and React Native for mobile frontend. It is a remittance system based in Guam, an app where you can send money from Guam just by using the app itself.

HRMS (Human Resource Management System) (Finished)

Language: PHP, Laravel Framework, Vue

Description: The project I worked for in Spark Global Solutions. We used Laravel in this project as backend and Vue for frontend. This includes payroll and attendance management system, an all in one system for companies.

MINI WORKS

Games:

- **Flappy-B:** A flappy bird like game written in VB .NET.
- **Word Twist:** A text twist like game written in VB6.
- **Race Bet:** Video race game betting written in VB6.

Others:

- **KPL Industrial Supply Mock Site:** A static HTML + CSS website that displays the store's products.

Awards:

"Champion"

IT Interskill 2018 (Debugging)

"Champion"

IT Interskill 2018 (Programming)

"Future Teacher"

A class award for student with the best potential to be a teacher.

"Arduino Lord"

A class award for the best Arduino-user in the class.

Work Experience

Computer Technician (1 year)

Icky Internet Café, Reconnect Internet Café
2011-2012

Computer Technician (2 year)

KPL Industrial Supply
2013-2015

PHP Backend Developer (2 year)

Sytian IT Solutions
2018

Internship

Software Developer (2 year)

iConnect Guam
2019

Software Engineer (Current)

Spark Global Tech Solutions
2020

Character Reference

Prof. Ryan Mateo

BSIT Coordinator, Professor
09652606073
University of Caloocan City

Mr. Romy Galang

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09176244069
KPL Industrial Supply

Mr. Kenneth Sytian

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