



**Senior Systems Developer** specializing in front end development. Experienced with all stages of the development cycle for dynamic web projects. Well-versed in numerous programming languages including HTML5, PHP OOP, JavaScript, CSS, MySQL. Strong background in project management and customer relations.

**Part-Time Instructor** – Senior High School specializing TVL-ICT and College of Computer Studies specializing programming languages, analytics, & Networking

# BOI ARCHIEVALD A. RANAY

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## Skill Highlights

- Project management
- Strong decision maker
- Complex problem solver
- Creative design
- Innovative
- Service-focused
- Programming
- Networking
- Data Analysis

## Technology Prof.

Google Admin, Google Workspace, cPanel, FileZilla, Microsoft Applications, Canvas LMS, MySQL, R Programming, WordPress, Web Frameworks, Algorithms, Microsoft Server, Amazon Cloud.

## Work Experience

01/2015 to 10/2022

### Senior Systems Developer

#### University of Southern Philippines Foundation

- Responsible for managing and leading the system development unit and operation of the systems development group in an academic or administrative environment.
- Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Develop project concepts and maintain optimal workflow.
- Work with junior developers to manage large, complex design projects for the university.
- Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.
- Carry out quality assurance tests to discover errors and optimize usability.

06/2016 to Present

### Part-Time Instructor – SHS

#### University of Southern Philippines Foundation

- Specializing Technical Vocational Course – ICT focusing networking and computer hardware

06/2015 to Present

### Part-Time Instructor – CCS

#### University of Southern Philippines Foundation

- Specializing Programming languages, web systems and technologies, networking administration, and data structure

## Educational Background

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- **2021 – Present**                      **Master of Science in Computer Science**  
Cebu Institute of Technology - University  
Accumulated Units (15 units)
- **2018 – 2019**                      **Master of Information Technology**  
University of San Jose - Recoletos  
Accumulated Units (9 units)
- **2016 – 2018**                      **Bachelor of Science in Computer Science**  
University of Southern Philippines Foundation
- **2010 – 2014**                      **Bachelor of Science in Information Technology**  
**Magna Cum Laude**  
University of Southern Philippines Foundation
- **2006 – 2010**                      **Basic Education**  
University of Southern Philippines Foundation

## Certificate and Awards

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- **Microsoft Innovative Educator Expert**  
2020 – 2021, 2021 - 2022, 2022 - 2023
- **Over-All Winner of 1st Lockton Legacy Awards for Innovation**  
(iBasuraIT) – Outstanding Adviser
- **Certified Apple Teacher and Swift Teacher**  
August 2, 2019
- **Certified Microsoft Innovative Educator**  
July 19, 2019
- **2nd Best Paper | College of Computer Studies**  
February 23, 2018

## Research and Development

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- **Lockton Philippines Legacy Awards Overall Grand Prize Winner**  
iBasuraIT: Online Monitoring and Tracking Solution of Smart Solid Waste Containers  
Philstar: <https://www.philstar.com/opinion/2019/12/08/1975175/locktonlegacy-awards>
- **In-House Developed RFID System**  
Cebu Daily News: <https://cebudailynews.inquirer.net/108811/uspinaugurates-university-developed-rfid-system>

## Certifications

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- **November 8, 2022**      **Complete Ethical Hacking – Bug Bounty**  
Udemy | 17 Hours Total  
Certificate: <https://bit.ly/3gUCaY5>
- **October 26, 2021**      **AWS Academy Graduate - AWS Academy Cloud Foundations | Amazon Web Services and Certification**  
40 Hours  
Certificate: <https://bit.ly/3XUuKVu>
- **September 27, 2021**      **Resource Speaker**  
**UI & UX Design | Mobile Dev.**  
University of Southern Philippines Foundation
- **August 20, 2021**      **Resource Speaker**  
**Designing Infographics**  
College of Computer Studies  
University of Southern Philippines Foundation
- **November 20, 2021**      **Data Visualization Fundamentals**  
Smarter Philippines through Data Analytics , R&D,  
Training and Adoption  
8 Hours
- **October 16, 2021**      **Data Management Fundamentals**  
Smarter Philippines through Data Analytics , R&D,  
Training and Adoption  
8 Hours
- **March 21, 2021**      **Essential Excel Skills for Data Preparation and Analysis**  
Smarter Philippines through Data Analytics , R&D,  
Training and Adoption  
8 Hours

## References

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- **Lester B. Gastala – Former VP-ICT**  
University of Southern Philippines Foundation  
[lgastala@uspf.edu.ph](mailto:lgastala@uspf.edu.ph)
- **Armon Clark Tumanda – Former Asst. Manager**  
University of Southern Philippines Foundation  
[ctumanda@uspf.edu.ph](mailto:ctumanda@uspf.edu.ph)
- **Mrs. Vanessa Cheng**  
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