



jomarijoseph.barrera@vsu.edu.ph



+639380247866



Baybay City, Philippines



linkedin.com/in/jomarijosephbarrera

TECHNICAL SKILLS

Data Structures, Analytics and Simulations



Graphics and Visual Computing



C#



Artificial Intelligence



Project Management



LANGUAGES

English (EN)

Native or Bilingual

Filipino (FL)

Native or Bilingual

Korean (한국)

Beginner

INTERESTS

Culinary Arts

Geography

Travel

Psychology

Music

Management

Jomari Joseph Barrera

Aiming to be an excellent computer science practitioner, a leader of innovation, research and curriculum development, bridging progressive relations between the industry and the academe for the betterment of the people, society, and the world.

WORK EXPERIENCE

College Instructor Visayas State University

06/2015 – Present

Baybay City, Philippines

Tasks

- Teaching Data Structures and Algorithms, Graphics and Visual Computing, Discrete Structures 2 and ICT Concepts and advising student thesis/research projects
- Conducting research projects that provide computing solutions to administrative / community problems

Advance Programming Specialist International Business Machines (IBM)

06/2013 – 04/2015

Cebu City, Philippines

Tasks

- Working in project-based environment focusing on different tasks from script checking and coding, data management and extraction, monitoring and maintaining web applications and receiving, forwarding and processing tickets/client issues
- Bayanihan Awardee, IBM Bayanihan Awards 2013

AWARDS, CERTIFICATIONS AND TRAININGS

Champion - Young Leaders for Resilience Program Local Competition (10/2019)

Proposed Dikes&Diversions (D&D) Project as a solve DRR-related issues of LGU Ormoc (Mentor)

Best Paper and Best Paper Presenter - 2nd Student Regional Innovation and Computing (STRING) Computer Science Category (04/2019)

Development Of Abaca (Musa Textilis) Fiber Grade Classifier Using Convolutional Neural Networks (Adviser)

Visual Computing and Machine Learning Workshops (03/2018 – Present)

Resource Speaker

CHED Special Training Program for Business/Data Analytics (04/2017 – 05/2017)

Data Journalism Fundamentals (HKU in partnership with Google News Lab) (04/2016 – 05/2016)

Philippine IT General Certification Exam (Phil-IT) (02/2013)

PERSONAL PROJECTS

Visual Computing and Machine Learning Projects (08/2017 – Present)

- Dynamic Multi-Layer and Convolutional Neural Networks
- Fuzzy Logic Controller Systems
- Image Enhancement, Segmentation and Thresholding Experiments

EDUCATION

Masters in Computer Science Cebu Institute of Technology - University

06/2014 – Present

Bachelor of Science in Computer Science Cebu Institute of Technology - University

06/2009 – 03/2013