

Linnaeus Bundalian

Biomedical Research Engineer

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Residence Leonard de Vinci
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Contact

📅 Date of birth 19/10/1992
🏠 Philippine, Filipino

Languages

German	<div><div></div></div>
English	<div><div></div></div>
French	<div><div></div></div>

Social

🐙 @lbundalian
🌐 @linnaeus bundalian

Scholastic Background

International Master in Biomedical Engineering Ecole Centrale de Lille Lille, France
Since September 2019

BSc Computer Engineering Lyceum of the Philippines University - Laguna Philippines
From June 2009 to April 2014

Work experience

Bioinformatics Intern INSERM France
Since February 2021

- Development of inference model for miRNA and mRNA on single cell level from bulk sequence dataset

Test Engineer (Product, Process and Development) Continental Temic Electronics Philippines Inc Calamba City, Laguna
From June 2014 to October 2019

- Monitor machine performance which includes First Pass Yield and Overall Efficiency
- Develop and maintain test programs for products
- Train people on operating the test machines
- Perform analysis on test data
- Perform failure analysis for failed parts

Skills

Bioinformatics	Protein databases (UniProt , TCGA, SwissPROT), PyMol, BLAST, Homology
Electronics	LTSpice, Circuit design and simulation, Amplification, Filtering, Arduino, Raspberry Pi, IoT
CAD	OnShape, AutoCAD, CATIA
Software Development	C#, VB.Net, VBA, VB6, C#, C, C++, Python, R, MATLAB, .NET, .NET Core
Database Management	RDBMS, SQL scripting in MS Access, MySQL, Oracle and Microsoft SQL
Web Development	HTML5, CSS3, ASP.NET MVC and Web Forms, WebAPI2, Bootstrap, jQuery, AJAX, Ruby on Rails
Others	Finite state modelling (Simscale, COMSOL, Abaqus), Fuzzy Logic Tool Box, Vibration test, CAN analysis

Trainings

Data Science Summer School LVIV Online

August 2020

Genomics in Virtual Lab Pine. BIO Online

From July 2020 to August 2020

BioCode BioCode Ltd Online

May 2020

Next Generation Sequencing Arlekin Philippines

March 2019

More Project and Trainings

<https://linnaeusbundalian.com/>