



TECHNICAL GRADUATE

PROGRAM



WELCOME TO PHITOPOLIS!

I am delighted to introduce the Phitopolis Graduate Training Program.

Our goal is to provide the best possible start for your career and help you with the transition from student to professional.

The program is designed to equip you with the essential foundational experience and skills that are required to be successful at Phitopolis. Whether you aspire to be an Operations Specialist, a Software Engineer, or a Data Scientist, I believe you will be more effective having completed the program.

I see a lot of talent coming through the Philippines Higher Education establishment and I am confident that this program will augment the academic learning you have acquired so far. I believe that this program and a career at Phitopolis will allow you to become the best version of yourself possible.



Mark Walbaum, CTO

THE COMPANY 4

ABOUT US 6

THE PROGRAM 9

TECHNICAL CURRICULUM 10

OUR PEOPLE 12

HOW TO APPLY 15





THE COMPANY

Phitopolis is a research and development firm focused on providing fascinating work for our global clients. To make this happen, our experienced executives have built a first-class technical team. Together, with backing from investors in the USA, Europe, and Hong Kong, we are committed to growing Phitopolis into a top-tier R&D firm.

DEVELOPMENT

We love building systems, especially those leveraging data science, machine learning and big data expertise. Our seasoned team of developers use all of the latest languages, tools and methodologies to deliver products designed to run within public or private cloud environments and provide maximum value to end users.

RESEARCH

Our research team is focused on data science projects utilizing statistics, machine learning, and AI to help model large, noisy, and complex data sets. Having clients in quantitative finance, data, and financial technology there is no shortage of interesting problems to solve.

SUPPORT

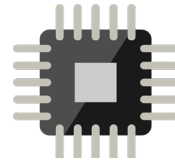
Our clients use global, complex systems. Phitopolis is here to provide them with smart, efficient, and talented staff exhibiting excellent communication skills ready to support their users.



ABOUT US

PHITOPOLIS INTERNATIONAL CORP. IS AN IT RESEARCH & DEVELOPMENT COMPANY BASED IN BGC, TAGUIG. WE ENGAGE OUR SPONSORS IN THE FIELDS OF FINANCIAL

QUANTITATIVE RESEARCH, DATA SCIENCE & ENGINEERING, DEVOPS AND SOFTWARE ENGINEERING. WE WERE ESTABLISHED BY A US-BASED HEDGE FUND AND HAVE BEEN EXPERIENCING RAPID GROWTH SINCE.



APPLICATIONS DEVELOPMENT

is a team with varied expertise ranging from high performance and distributed systems with typical characteristics as low latency and high throughput; web and programmable application interfaces empowering end users to achieve their business goals; and platform development focused on seamless provisioning of

on-demand computer resources and enabling massive data Analytics. We use a variety of technologies and programming languages including C++ and high quality, peer-reviewed C++ libraries to develop systems connecting to global financial markets, target massive storage capabilities of cloud computing platforms,

and provide high level interfaces to low level facilities such as virtual filesystems. Web applications are built using MERN stack, Python, SQL and NoSQL databases. So far, we delivered online datasets management, cloud computing provisioning, cyber security and real-time alerting.



DEVOPS

is a team of multi-skilled engineers involved in the continuous delivery, deployment, and monitoring of applications to enable the whole organization to adapt, grow, and thrive in an ever-changing business and IT landscape. We collaborate across multiple teams as we find solutions and optimize processes. We cover Trading, Data, and Platform Operations and



DATA SCIENCE

is a group of individuals who come from a wide variety of academic backgrounds including Business, Physics, Mathematics, Computer Science, and Engineering. We cover the entire Data Science process from data acquisition and cloud ingestion, data preparation, research, quantitative modeling, and deployment into production for use in



HR & ADMINISTRATION

is a team of talented multi-taskers who enjoy solving problems and building strong happy teams. We provide back-office support to ensure employees are supported and taken care of while everyday business needs are fulfilled.



WHAT YOU WILL GET FROM THE PROGRAM

- > 40k per month starting salary
- > HMO on day one
- > Start accruing paid time off from your day one
- > Get involved in real-time critical projects using the latest technology
- > Reflect and learn from your colleagues as they guide and mentor you every day
- > Gain insights into the roles and responsibilities of the technically savvy co-workers in other teams as you test out your career options and discover your

THE PROGRAM

GREAT MINDS WITH IGNITED SPIRITS

Congratulations on your graduation! Now, let us help you soar in your career.

The Phitopolis Technical Graduate Program is a 2-year extensive learning, training, and coaching program that will prepare you for a successful career in Information Technology and Quantitative Finance. After initial onboarding and certification, required for regularization within the first 6 months, the program consists of continuous mentoring, learning, coaching and immersion into the company's various lines of business. You may choose to specialize in a particular area or keep your options open as you traverse the worlds of Data Science, DevOps and Software Engineering.

This opportunity is for you if...

1. You have hands-on or academic knowledge of any of the following:
 - Applications Development
 - Artificial Intelligence
 - Data Science
 - DevOps Engineering
 - Software Development
2. You have an outstanding academic background.
3. You have an unending thirst for knowledge and enjoy working with a team of supportive experts and highly skilled professionals.
4. You abhor repetition and strive to learn something new and useful.
5. You have a proven curiosity to learn, a willingness to take risks, and an unwavering commitment to seeing projects through to completion.
6. You have ambitious goals to rise to the top and are eager to excel in a challenging environment where your potential knows no bounds.
7. You have an interest in global financial markets and a desire to work in a cutting edge FinTech environment.

At Phitopolis, everyone is empowered to reach their highest potential at the speed dictated by one's self. If this thrills you, take the next step by browsing the next pages.

TECHNICAL CURRICULUM

You will spend six months of formal and hands-on learning delivered in actual work settings, equivalent to probationary employment, and guided by your technical coaches. Your performance will be assessed every six weeks to ensure you are on track.

To successfully complete the program, you must pass all required training certification, regularization standards, and meet performance expectations over the entire duration.

As you embark on your journey, Human Resources will provide substantial support by involving you in relevant training, introducing you to the company's culture, ensuring a fulfilling employee experience, and organizing engaging activities. Our mentors have prepared a comprehensive curriculum tailored to your chosen path.



YOUR LEARNING JOURNEY

DIVE INTO THE PROGRAM



This phase includes practical learning, assignment completion and building skills in C++, high performance and peer-reviewed libraries, NodeJS, Python, and their official SDK from AWS.



Get hands-on experience in production situations throughout this initial phase, with a focus on trade operations insight, platform support in high-performance environment, and data operations skills.



Candidates will immerse themselves in the world of production environment to gain firsthand experience and understanding of the challenges and complexities involved with focus on Trading Operations Insight, Platform Support and High-Performance Environments and Data Operations Proficiency

GET ONBOARDED

Learn basic cloud services and gain experience building and creating distributed apps using cloud services.

You will explore API Gateway, Lambda, S3, Managed Workflows for Apache Airflow, and the AWS SDK.

Delve into automating repetitive tasks with various tools and methods to improve operational efficiency.

You will also focus on automated deployment and gaining industry-recognized certifications, building on the core knowledge obtained during immersion.

Experience end-to-end data science projects, covering tasks from data collection to deployment.

Enhance your skills and knowledge through collaborative learning activities and online courses such as Datacamp, Udemy, Acloud Guru, and more.

GET CERTIFIED

Take and pass the AWS Certified Developer - Associate exam.

Take and pass the the Red Hat Certified System Administrator (RHCSA) for Linux system management & AWS Cloud Practitioner.

Take and pass the AWS Solutions Architect.

HEAR FROM OUR PEOPLE

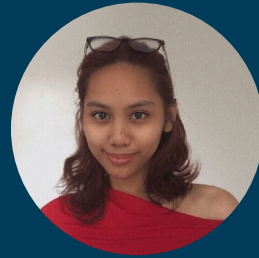
At the core of our business is our People. Meet some of them, get inspired, and re-think how you will shape your future.



JES

DEVOPS ENGINEER

"Work in a highly collaborative development environment with people that are hands-on. Work real-time on projects ranging, but not limited to, Devops/Application/Market Data Research/Data Engineering/High Performance Computing. Have a real-world experience in leveraging free and open-source technologies to operate in the Financial Industry and how the real-world problems and opportunities in the Industry are being transformed into a business avenue."



AYESHA

**SOFTWARE ENGINEER
GRADUATE TRAINEE (2023)
INTERNSHIP (JUNE - SEPTEMBER 2022)**

"I like how the atmosphere is very collaborative and everyone's just open to discuss everything, so I'm learning a lot without being pressured too much."



MIKKI

QUANTITATIVE RESEARCHER

"Joining Phitopolis is one of the best decisions I've ever made. I am fortunate to be part of a very talented team that works on a wide range of datasets and converts these into actionable investment signals. It is fascinating how we are able to bring to life ideas from academic papers or analysts' publications for our business applications. More importantly though, I love how the company provides the opportunity and resources for us to succeed - from trainings and certifications to constant feedback and mentorship from the best in the industry. It is refreshing to be in a work environment where everyone collaborates and routes for each other's success."



ACE

DATA SCIENTIST

"Being with Phitopolis gave me the rare opportunity to work on data necessary for quantitative trading. In each project, we collaborate with people with diverse skill sets to be able to source and preprocess finance data. The company also provides an avenue for growth by promoting continuous learning and giving the opportunity to have an immersion in other teams"



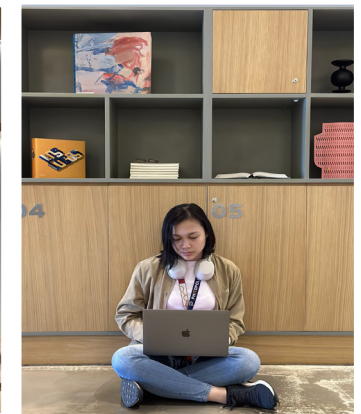
PRINCE

SOFTWARE ENGINEER

"My experience, so far with Phitopolis has been both challenging and rewarding."

I was given the opportunity to apply and develop my knowledge, skills, and interests."

Overall Phitopolis has given me the opportunity to grow professionally."



APPLY NOW!

Online application through our website opens from May to July of this year. The application process includes HR screening and interviews with the Team Heads.

For more information, please contact us at info@phitopolis.com



