



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.

A handwritten signature in black ink, which appears to read "Mark Walbaum". The signature is fluid and cursive, with a long horizontal line extending to the right.

Mark Walbaum, CTO

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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.

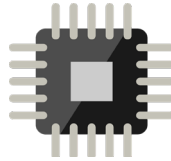
SUPPORT

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



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 continuously strive for more automation and smart learning to increase efficiency.

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.



DATA SCIENCE & ENGINEERING

is a team that comprises individuals from diverse academic backgrounds, including Business, Physics, Mathematics, Computer Science, and Engineering. We operate as a full-stack team, covering the entire data lifecycle, from sourcing and preparing raw data to building and deploying robust data pipelines, to developing analytics and tools that support trading and research. Our work combines both Data Engineering and Data Science disciplines, leveraging technologies such as Python and cloud-native platforms to solve real-world challenges in finance.



QUANTITATIVE RESEARCH

is a group of individuals who come from a wide variety of academic backgrounds including Business, Physics, Mathematics, Computer Science, and Engineering. We turn high-quality data into deployable trading signals through research, feature engineering, and quantitative modeling. We design and evaluate models, run large-scale backtests with risk controls, and package results for production.



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

- > 50k 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 and Engineering, 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 and Engineering
- Quantitative Research
- 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.



DIVE INTO THE PROGRAM

SOFTWARE
ENGINEERING

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.



DEVOPS

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.

DATA
SCIENCE &
ENGINEERING

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.

QUANTITATIVE
RESEARCH

Train and backtest models using machine-learning algorithms to produce trading signals. You'll work on an end-to-end research loop: explore data, build features, fit models, evaluate performance, and iterate until results are robust and reproducible.

GET ONBOARDED

Go beyond just writing code. Learn to engineer systems that last.

You'll master the art of building powerful, distributed systems designed from the ground up for scalability, peak performance, and long-term maintainability. We'll move past theory and into practice, tackling the core challenges of system architecture, high-throughput data handling, and seamless service orchestration to forge solutions that are not only efficient but also resilient.

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 training tools.

Learn the full research process—from conducting paper and literature reviews, to translating ideas into code, to modeling both equity returns and risk. You'll practice turning academic concepts into implementable features and models, with clear experiment tracking and documentation.

GET CERTIFIED

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

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Conclude with a thesis-style capstone, presenting research, results, and risk analysis to management. Deliverables include a reproducible notebook and validated backtests. Leverage AWS Machine Learning services in the solution.

HEAR FROM OUR PEOPLE

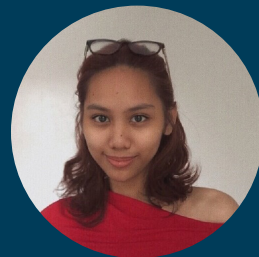
At the core of our business is our People. Meet some of them, get inspired, and re-think how you will shape your future.



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)
INTERN (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 roots for each other's success."



TYRONE

GRADUATE TRAINEE

"When I started my journey in Phitopolis, I was concerned about whether I would be able to keep up. What helped me the most were the teammates around me who mentored me and supported my growth. The sense of community at Phitopolis really stands out as it made it easier for me to ask questions and provided the perfect opportunity for me to develop my skills. Each day has been really fulfilling, and I keep learning more about various tech stacks in this industry, as well as general concepts in finance."



PATRICIA

DATA SCIENTIST
GRADUATE TRAINEE (2023)

"I joined Phitopolis soon after graduating, and after completing my training, I became part of the Data team. Phitopolis is the kind of place that keeps you on your toes — every day brings something new to learn and discover.

What makes it truly special are the people who genuinely support you along the way. You're encouraged to grow, make mistakes, and keep improving in an environment that values teamwork, curiosity, and continuous learning.

It's exciting to build a career in a company that embraces fresh ideas and empowers you to reach your potential."



APPLY NOW!

Online application through our website opens from October 2025 to January 2026. The application process includes HR screening and interviews with the Team Heads.

We kindly advise that only applications submitted through our website will be processed.

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



