# Understanding our Career Fields

## GET FAMILIAR WITH OUR 18 CAREER FIELDS

# #2 COMPUTER SCIENCE & IT

## Why choose Computer Science & IT?

As the world becomes even more reliant on technology, computer science and technology-related jobs make up one of the fastest-growing career fields. To launch a career in tech, your academic qualifications are no longer enough and you have to do more to stand out. One of the ways you can stand out to potential employers is by demonstrating real-world global experience through remote computer science internships.

Importance on interning in Business

- It'll help to build your technical skills,
- It´ll help to increase your understanding of the importance of technology in today's markets and cross-cultural communications.

## Key Skills you may learn

- App development
- Clearly articulate complex concepts
- Consumer Experience
- Data Modelling
- Hardware development
- MySql
- Problem Solving
- Programming & Coding (Java, C++, Python, etc)
- Project Management
- Software Development
- Testing and QA
- UX/UI Design
- Working With Large Data Sets

## Sample Future Careers

1. Cyber security analyst
2. Data analyst
3. Forensic computer analyst
4. Game designer

# PLACEMENT PROJECT PLAN SAMPLE FOR INTERNSHIP IN

# Computer Science & IT

## Placement

**Placement:** Product Intern @ HackLaunch
**Placement Career Field:** Computer Science & IT
**Placement Country:** Singapore

**Project 1:** The successful intern may work with the product management team to ensure that all product features are prioritized and handed over to our technology development team for development, they may also coordinate with the product management team to enable product release. The intern may learn how to translate user requirements into specifications for engineers, how to handle technical and non-technical stakeholders as well as potentially agile project methodology.

**Project 2:** The successful intern may work alongside the Product Manager to create a first draft document that outlines the specific user & system requirements for the application development. This may include user cases, UML diagrams and user flows. Additionally, the document may outline the specification of functionality of the app, safety provisions as well as requirements for the infrastructure. The document maybe split into functional and non-functional requirements elaborating on the functional elements. This project may enable them to gain experience of working in the early stages of a real-life application.

**Project 3:** In this role you may support the team designing and implementing software solutions to solve unique creatively and efficient and complex needs for our system development and integration. The intern may participate in software design, coding with Python best practices, continuous integration, automated data and metrics collection, internal-customer feature coordination and support. You may utilize your excellent collaboration and communication skills to work cross-functionally across teams as you work on software feature design and architecture.

**Please note:** The projects and actual tasks may vary and can be discussed with your supervisor before and during your internship.

## Skills You Will Learn

**General Skills:** Communication skills; Tolerance for ambiguity; Work Productively / Self Motivate

**NACE Career Readiness Skills:** Critical Thinking/Problem Solving; Digital Technology; Professionalism/Work Ethic

**Career Field Skills:** Project Management; Research & Development; Testing and QA Programming & Coding (Java, C++, Python, etc); Software Development; Testing and QA