

STEM Internship Scheme – Winter 2022**(CANNOT use this internship to fulfil WIE requirements)****Internship Information**

Department:	Industrial and Systems Engineering (ISE)
Eligible Programme:	BEng (Hons) Scheme in Product and Industrial Engineering OR BEng (Hons) in Industrial and Systems Engineering OR BEng (Hons) in Product Engineering with Marketing OR BSc (Hons) Scheme in Logistics and Enterprise Engineering OR BSc (Hons) in Logistics Engineering with Management OR BSc (Hons) in Enterprise Engineering with Management
Project Title:	Development of AI algorithm for industrial applications
Internship Title:	Intern (full-time)
Internship Duration:	Max. two months
Internship Location:	On Campus
Job Descriptions:	1. Data collection and labelling 2. Development of machine learning and deep learning algorithms 3. Computer programming 4. Model training and testing
Eligible Student:	1. Local¹ or Non-local² undergraduates enrolling on one of above full-time STEM programmes funded by the University Grants Committee (UGC); 2. Active students (i.e. from any year of students; for final-year students, they are eligible as long as the internship commences BEFORE the expiry of student status based on the dates shown on their student ID card and/or Academic Registry record); and 3. Legally employable in Hong Kong
Key Points of the Scheme:	1. Students CANNOT use this internship to fulfil their WIE requirements. 2. Students to apply for this position directly to ISE and need NOT to submit the online application to CPS, SAO. 3. Students are required to submit the following post-internship documents to ISE within 2 weeks upon the internship end date. <ul style="list-style-type: none"> • Assessment/Evaluation Form (Annex E); • Timesheet (Form P3), with signature of work supervisor; • Copy of Salary Statement / Salary Transaction Record; • Learning Journal and photos (see guidelines); and • Bank Account Information (if applicable) 4. Students interns should complete the entire internship as specified in the employment contract. Allowance will NOT be reimbursed to students who fail to achieve 80% attendance rate or cannot complete the internship as planned. 5. Only students who have successfully enrolled on the Scheme, completed the internship and submitted post-internship documents (stated in point 3 above) are eligible to receive the allowance. 6. Unpaid leaves will NOT be taken into consideration in the calculation of allowance under the Scheme, and will be deducted from the calculation of internship duration.
Honorarium per month:	HK\$10,500
Application Deadline:	17 October 2022

For interested students, please submit your C.V. to Dr. YM Tang by email (yukming.tang@polyu.edu.hk) on/before the deadline.

¹ According to the Education Bureau, holders of the following documents are classified as local students –

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- Visa / Entry permit for Admission Scheme for the Second Generation of Chinese Hong Kong Permanent Residents; or
- Visa label for unconditional stay.

² Non-local students should be subject to the conditions of stay of the visa/entry permit issued to them by the Immigration Department. Students must be able to provide a valid “No Objection Letter” (“NOL”) issued by the Immigration Department. Eligible students may only take up summer employment during the summer months from 1 June to 31 August or internship that is study/curriculum-related and arranged or endorsed by PolyU (click [HERE](#) for details).

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Project Title:	Development of Metaverse applications
Internship Title:	Intern (full-time)
Internship Duration:	Max. two months
Internship Location:	On Campus
Job Descriptions:	1. Artistic Design 2. 3D Modelling and rendering 3. Building virtual environment and scenarios 4. Perform research and data analysis
Eligible Student:	1. Local¹ or Non-local² undergraduates enrolling on one of above full-time STEM programmes funded by the University Grants Committee (UGC); 2. Active students (i.e. from any year of students; for final-year students, they are eligible as long as the internship commences BEFORE the expiry of student status based on the dates shown on their student ID card and/or Academic Registry record); and 3. Legally employable in Hong Kong
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Project Title:	Big Data Analytics for Smart Enterprise
Internship Title:	Intern (full-time)
Internship Duration:	Max. two months
Internship Location:	On Campus
Job Descriptions:	<ol style="list-style-type: none"> Utilize data analytics for smart manufacturing/enterprise Prepare data reports and visualizations for the supervisor Identify the root cause of issues Provide insights based on the business data
Eligible Student:	<ol style="list-style-type: none"> Local¹ or Non-local² undergraduates enrolling on one of above full-time STEM programmes funded by the University Grants Committee (UGC); Active students (i.e. from any year of students; for final-year students, they are eligible as long as the internship commences BEFORE the expiry of student status based on the dates shown on their student ID card and/or Academic Registry record); and Legally employable in Hong Kong
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For interested students, please submit your C.V. to Dr Carman Lee by email (ckm.lee@polyu.edu.hk) on/before the deadline.

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Project Title:	Investigation of Deploying Blockchain Technology in Cyber-Physical Production Systems
Internship Title:	Intern (full-time)
Internship Duration:	Max. two months
Internship Location:	On Campus
Job Descriptions:	<ol style="list-style-type: none"> To study state-of-the-art blockchain technology for Industrial IoT/CPPS scenarios (e.g. IOTA, DAG, Tangle) To build test blockchain networks for the CPPS To conduct formal analysis and experiments on the test networks
Eligible Student:	<ol style="list-style-type: none"> Local¹ or Non-local² undergraduates enrolling on one of above full-time STEM programmes funded by the University Grants Committee (UGC); Active students (i.e. from any year of students; for final-year students, they are eligible as long as the internship commences BEFORE the expiry of student status based on the dates shown on their student ID card and/or Academic Registry record); and Legally employable in Hong Kong
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