

STEM Internship Scheme 2020/2021

(CANNOT use this internship to fulfil WIE requirements)

Internship Information (Project Title: Social robot for service industry)

Department:	ISE
Eligible Programme:	BSc (Hons) Scheme in Logistics and Enterprise Engineering or BSc (Hons) in Enterprise Engineering with Management or BSc (Hons) in Logistics Engineering with Management or BEng (Hons) Scheme in Product and Industrial Engineering or BEng (Hons) in Industrial and Systems Engineering
Internship Title:	Intern (full-time)
Internship Period:	from 02/07/2020 to 29/08/2020 DD/MM/YYYY DD/MM/YYYY
Internship Location:	On Campus
Job Descriptions:	<ol style="list-style-type: none">1. Feasibility study on using deep learning technique for solving specific task2. Develop and implement the algorithm and programme3. Integrate the developed solution with a service robot4. Create a proof of concept show case
Eligible Student:	<ol style="list-style-type: none">1. LOCAL undergraduates enrolling on one of above full-time STEM programmes funded by the University Grants Committee (UGC);2. From any years of studies; and3. Legally employable in Hong Kong
Details of the Scheme:	<ol style="list-style-type: none">1. Students CANNOT use this internship to fulfil their WIE requirements2. Internship commences BEFORE the expiry of student status based on the dates shown on his/her student ID card3. Successful applicants will be invited to attend an online Pre-internship Training organised by CAPS4. Attendance of Pre-internship Training is a mandatory requirement for the release of allowance5. Students are required to submit the following post-internship documents to CAPS within 2 weeks upon the internship end date<ul style="list-style-type: none">• Assessment/Evaluation Form (Form P2D);• Timesheet (Form P3);• Salary Statement (if applicable); and• Learning Journal and photos6. 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 planned7. Only students who have successfully enrolled on the Scheme, completed the internship and submitted post-internship documents (stated in point 5 above) are eligible to receive the allowance
Honorarium per month (HKD):	\$10,500
Application Deadline:	23 June 2020

For interested students, please submit your C.V. to Dr Carman K.M. Lee by email (ckm.lee@polyu.edu.hk) on/before the deadline.

STEM Internship Scheme 2020/2021

(**CANNOT** use this internship to fulfil WIE requirements)

Internship Information (Project Title: Big Data Analyst)

Department:	ISE
Eligible Programme:	BSc (Hons) Scheme in Logistics and Enterprise Engineering or BSc (Hons) in Enterprise Engineering with Management or BSc (Hons) in Logistics Engineering with Management or BEng (Hons) Scheme in Product and Industrial Engineering or BEng (Hons) in Industrial and Systems Engineering
Internship Title:	Intern (full-time)
Internship Period:	from <u>02/07/2020</u> to <u>29/08/2020</u> DD/MM/YYYY DD/MM/YYYY
Internship Location:	On Campus
Job Descriptions:	<ol style="list-style-type: none">1. Utilize data analytics for smart manufacturing/enterprise2. Monitor equipment by using IoT to avoid future failure3. Identify the root cause of issues4. Translate unstructured information into structured information5. Develop predictive models for machine learning6. Prepare data reports and data visualizations for the supervisor in decision making process7. Knowledge about analytical tools and data mining
Eligible Student:	<ol style="list-style-type: none">1. LOCAL undergraduates enrolling on one of the above full-time STEM programmes funded by the University Grants Committee (UGC);2. From any years of studies; and3. Legally employable in Hong Kong
Details of the Scheme:	<ol style="list-style-type: none">1. Students CANNOT use this internship to fulfil their WIE requirements2. Internship commences BEFORE the expiry of student status based on the dates shown on his/her student ID card3. Successful applicants will be invited to attend an online Pre-internship Training organised by CAPS4. Attendance of Pre-internship Training is a mandatory requirement for the release of allowance5. Students are required to submit the following post-internship documents to CAPS within 2 weeks upon the internship end date<ul style="list-style-type: none">• Assessment/Evaluation Form (Form P2D);• Timesheet (Form P3);• Salary Statement (if applicable); and• Learning Journal and photos6. 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 planned7. Only students who have successfully enrolled on the Scheme, completed the internship and submitted post-internship documents (stated in point 5 above) are eligible to receive the allowance
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