

Recruitment Notice
Water Supplies Department
Summer Intern
(Post-Secondary Student Summer Internship Programme) 2023

The following vacancies of Summer Intern in Water Supplies Department are available for application:-

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(1)	Energy Management (Electrical) Section, Mechanical & Electrical Sustainability Division	(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Electrical Engineering / Electronic Engineering. (ii) Have knowledge of Microsoft Word, Excel and PowerPoint.	To assist in preparing energy audit reports, studying and determining the best normalization parameters and formula on electricity consumption.	Sha Tin
(2)	Energy Management (Mechanical) Section, Mechanical & Electrical Sustainability Division	(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Mechanical Engineering. (ii) Have knowledge of Microsoft Word, Excel and PowerPoint.	(i) To assist in daily management works in Energy Management Team. (ii) To assist in testing works including pump performance, noise level and vibration. (iii) To assist in calculation of the performance index for pumping stations.	Sha Tin

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(3)	Planned Maintenance Section, Mechanical & Electrical Maintenance Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Computer Science / Engineering.</p> <p>(ii) Have knowledge of CakePHP or equivalent programming skills.</p>	To assist in re-developing an “Approved Suppliers Management System 3” software with respect to the existing “Approved Suppliers Management System 1 & 2”.	Sha Tin

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(4)	Sustainability (2) Section, Mechanical & Electrical Sustainability Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Electrical Engineering / Electronic Engineering / Computer Engineering / Computer Science / Information Engineering or related disciplines.</p> <p>(ii) Have knowledge of general engineering principles related to the field of study and general computer skills such as Microsoft Windows and Microsoft Office. Relevant skills in Python, Visual Basic for Applications (VBA) are desirable but not essential.</p> <p>(iii) Relevant working experience in electrical / instrumentation installations or data analysis is desirable.</p>	<p>(i) To assist in documentation works of engineering projects.</p> <p>(ii) To assist in the engineering design works for electrical / instrumentation projects.</p> <p>(iii) To assist in literature research, data analysis, draft reports and prepare project presentation.</p>	Sha Tin

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(5)	Project Development Section, Mechanical & Electrical Projects Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Electrical Engineering / Electronic Engineering / Computer Engineering / Computer Science / Information Engineering or related disciplines.</p> <p>(ii) Have knowledge of general engineering principles related to the field of study and general computer skills such as Microsoft Windows and Microsoft Office. Relevant skills in Python, Visual Basic for Applications (VBA) are desirable but not essential.</p> <p>(iii) Relevant working experience in electrical / instrumentation installations or data analysis is desirable.</p>	<p>(i) To assist in documentation works of engineering projects.</p> <p>(ii) To assist in the engineering design works for electrical / instrumentation projects.</p> <p>(iii) To assist in literature research, data analysis, draft reports and prepare project presentation.</p>	Sha Tin

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(6)	Sustainability (1) Section, Mechanical & Electrical Sustainability Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Mechanical Engineering or related disciplines.</p> <p>(ii) Have knowledge of general mechanical engineering and general computer skills such as Microsoft Office and Adobe Acrobat.</p>	To assist in mechanical design work for waterworks projects.	Sha Tin
(7)	Mechanical Projects (3) Section, Mechanical & Electrical Projects Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Mechanical Engineering or related disciplines.</p> <p>(ii) Have knowledge of general mechanical engineering and general computer skills such as Microsoft Office and Adobe Acrobat.</p>	To assist in mechanical design work for waterworks projects.	Sha Tin

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(8)	Treatment (2) and Treatment (8) Section, Water Science Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Environmental Science / Process Engineering / Computational Science and Engineering.</p> <p>(ii) Have knowledge in water treatment, statistics and information technology skill.</p>	<p>(i) To improve a computer system and programming for water quality control.</p> <p>(ii) To validate the reliability of a simulation models for water quality control.</p> <p>(iii) To draft project reports.</p>	Sha Tin and Tai Po
(9)	Resources Management (1) Section, Water Science Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Environmental Science / Chemistry or related disciplines.</p> <p>(ii) Have knowledge and skill in using specialised software for data visualization and analytics would be an advantage.</p> <p>(iii) Relevant working experience in water quality monitoring would be an advantage but not essential.</p>	<p>(i) To assist in the deployment of unmanned surface vessel system in impounding reservoirs and relevant data processing and analysis (outdoor working is required).</p> <p>(ii) To assist in identification of freshwater algae, and the development of an artificial intelligence-based automatic algae identification system.</p> <p>(iii) To assist in literature search, draft reports and presentation for the project results.</p>	Cheung Sha Wan

Post No.	Section/Division	Entry Requirements	Duties	Place of Work
(10)	Resources Management (3) Section, Water Science Division	<p>(i) Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Chemistry / Applied Chemistry / Environmental Chemistry / Chemical Engineering or Water Science.</p> <p>(ii) Have knowledge in Chemistry, water and wastewater treatment technology and information technology skills.</p>	To investigate and study the treatment technology, water quality and analytical methods of reclaimed water for flushing supply (outdoor working is required but not limited to site investigation and sampling).	Cheung Sha Wan
(11)	Water Loss Management Section, Development (1) Division	Applicants should be full-time students pursuing accredited degree programme offered by post-secondary institutions who have completed second year or above (but not yet completed the final year) of studies in Land Surveying and Geo-Informatics.	<p>(i) To assist in the study of the application of technologies in Q-Leak.</p> <p>(ii) To assist in the analysis of the leak detection monitoring system.</p> <p>(iii) To assist in general administration work and perform other duties as assigned by the Engineer/ Waterworks Inspector.</p> <p>(iv) Outdoor working is required.</p>	Wan Chai

Allowance:-

HK\$11,200 per month

Terms of Appointment:-

- (A) Summer interns are engaged under non-civil service appointment.
- (B) Successful candidates will be appointed for a maximum of eight-week period under the Post-Secondary Student Summer Internship Programme. Except otherwise provided, rest days, statutory holidays, sickness days and sickness allowance, where appropriate, will be granted generally in line with the provisions of the Employment Ordinance (Cap. 57).

How to Apply:-

- (A) Application form can be downloaded from the Water Supplies Department website.
- (B) Hong Kong students studying in local post-secondary institutions should apply through the Student Affairs Offices/Career Centres of their respective institutions. They are advised to note the deadlines set by the respective institutions.
- (C) Students studying in non-local post-secondary institutions should forward the completed application forms together with copies of relevant certificates and academic transcripts by post to the following address, by fax to (852) 3793 4083 or by e-mail to personnel@wsd.gov.hk on or before the closing date for application.
- (D) The post number and Section/Division concerned should be clearly marked on the top of the application form.
- (E) An applicant of the Post-Secondary Student Internship Programme can apply for a maximum of three posts. Please state clear the order of priority of preference on top of the application form. Only ONE set of application form should be submitted.
- (F) Candidates who are selected for interview will receive an invitation normally within four weeks from the closing date for application. Those who are not invited for interview by that time may assume their applications are unsuccessful.

Closing Date for Application:-

8 May 2023