**Luke (Yizhou) Han**

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**Objective**

Seeking for a position of Environmental Scientist in a progressive growth-oriented corporation

**Professional Skills & Knowledge**

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| * Experienced in testing pollutants in sewage and air. * Familiar with BOD, COD & PM 2.5 test procedures and standards. * Experienced in coordinated contractors and consultant. * Experienced in field work * Experienced in completing daily journal entries and meeting minutes. * Knowledge of Environmental Management System and Resources Recycling (ISO14001, organic solvent treatment, heavy metal sedimentation) * Experienced in working in a team-work environment, willing to take full responsibility to ensure quality of the works. * Excellent in using AutoCAD, Civil 3D, RS Mean, MS Project, MS Office Suite. * Ability to multi-task and coordinate multiple field programs * Willingness to travel for work all over the world, including remote work * Have valid G driver license. * Working towards P.Eng. |  |

**Work Experience**

Calderys (China) Co., Ltd July 2016 – May 2017

Manager assistant Suzhou, China

* Tested the dust content in the air of production workshop and assisted government agencies to complete the annual government inspection
* Helped the production manager update the production process and reduce the dust production.
* Coordinated project management activities, resources, equipment and information
* Communication with foreign customers from Singapore, Canada and France and helped a sales team reached a 10-year cooperation agreement with a Singapore company
* Responded to requests from customers for information on products, equipment, services and billing
* Monitored progress with ongoing issues management, organized projects into deliverable work products
* Helped prepare budgets, analyzed risks and opportunities
* Communication with Project Manager, Production Manager and Sales Manager and coordinate with project departments to solve project problems
* Acted as the point of contact and communicate project status to stake holders
* Worked with Project Manager to eliminate blockers
* Participated in project teams and finished all the works with my colleagues
* Created and maintained comprehensive project documentation, plans and reports

**Research Experience**

**Environmental Aspects of Wastewater Treatment and Disposal** Jan 2018 - Aug 2018

Study Team Leader St. John’s, NL

* Visited the local sewage treatment plant and completed the process of sewage sampling with the help of plant staff.
* Participated in the sewage assessment and completed the measurement of various sewage indicators, such as COD and BOD.
* Completed the researches on the treatment and discharge of sewage in Canada, especially the treatment of industrial sewage and learned various treating methods, such as organic solvent treatment, heavy metal sedimentation.
* Conducted the research regarding treatment standards and treatment technologies in Canada, the United States, and China.
* Conducted the researches for wastewater regulation and standards for different countries, such as Japan, Maldives and Canada.

**Study on photocatalytic activity of bismuth molybdate**  Jun 2015 - May 2016

Group Member Anhui, China

* Groundwater sampling, water quality data analysis
* Produced the nanoscale bismuth molybdate and test the ability of Solar photocatalysis
* Monitored the BOD and COD of the wastewater after photocatalytic purification to ensure that it meets the discharge standards by the government

**Education**

Memorial University of Newfoundland, St. John’s, NL 2017/09-2018/12

**M.A.Sc. in Environmental Systems Engineering and Management (Cumulative GPA 3.6/4.0)**

**Anhui University of Science and Technology**, Anhui, China 2012/09-2016/06

**B.Eng. in Resources Recycling**