



# KIRSTEN SMITH

## GRADUATE CHEMICAL ENGINEER

### Objective

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I am a freshly graduated chemical engineer and I am now keen to secure my first professional position in a mid-sized company that will offer career development opportunities within the process engineering industry.

### My Contact

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### Hard Skill

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- Sampling
- Maintenance Scheduling
- Microsoft Office
- Basic AutoCAD
- Basic MATLAB
- FMEA

### Soft Skill

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- Strong Communication Skills
- Decision making
- Leadership
- Multi-tasking

### Education Background

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- Capital City University (CCU)  
*Bachelor of Chemical Engineering with Honours*  
Completed 2022 - CGPA 3.39
- Capital City College (CCC)  
*Possible Technical/Engineering Diploma*  
Completed in 2017 - CGPA 2.31
- Capital City State High School  
*High School Certificate*  
Completed in 2016

### Professional Experience

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ABC Company | Chemical Plant Junior Field Technician  
(Contract)

*October 2022 – Present*

Key responsibilities:

- Audit the process to validate that all work is compliant with required specifications, regulatory requirements, quality of work, and safety standards.
- Ensure all day-to-day activities such as sampling and process control activities are completed as required, either by completing the tasks myself or delegating to other technicians.
- Identify improvement opportunities in order to drive continuous improvement in all aspects of facilities operations in terms of cost, performance, and efficiency.
- Diagnose poor equipment performance and coordinate preventive and routine maintenance; overhaul and modification of building and production equipment; emergency repair of buildings, equipment, and utility systems.
- Actively participate in non-routine duties and responsibilities for the department as required.

XYZ Mining Company | Junior Chemical Engineer (Internship)

*March 2022 – June 2022*

Key responsibilities:

- Acted as support for engineering staff as required, including assisting in updating P&IDs, plant safety walkthroughs, preparation of monthly production charts.
- Inspected production quality daily, quarantined off-spec product and identified opportunities for improvement.
- Approved and certified on-spec product to proceed to packing.
- Actively participated in training courses and online lessons as assigned, including failure mode analysis (FMEA) training, basic SAP functions and Hazard Identification training.

Small Family Business | Food Stall Manager (Part-Time)

*2020 – 2022*



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### Languages

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Arabic	●	●	●	●	●
English	●	●	●	○	○
Spanish	●	○	○	○	○

### Interests

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Swimming  
Cooking  
Traveling  
Archery

### References

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Dr Pamela Brown  
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### Activities & Awards

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#### Honours & Awards

- Dean List Award Semester 4, 6 & 7 (CCU, 2019-2021)
- Sport Award (2019)

#### Leadership

- Member of student club (CCU, 2018 & 2019)
- Manager of soccer team for faculty of Chemical Engineering (CCU, 2018 & 2019)
- Executive Member of debate group (CCU, 2018-2022)

#### Activities

- Actively participated in the ABC Company Team Building Event (ABC Company, 2022)
- Presented "Presentation Title" at Student Conference (CCU, 2021)
- Member of CCU Debate Team (CCU, 2018-2022)
- Volunteer for LOCAL CHARITY (Local Charity, 2018)

#### Projects

- Chemical Separation of Effluent for Recycling – Final Year Project, CCU 2022
- Product Design & Development project – Diploma Final Year Project (CCC, 2017)

### Certificates & Licenses

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- Senior First Aid Certificate 2020
- MATLAB Fundamentals Certificate – 2021
- National Driving License (Car)