

# Daanish Hassan Hamid

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## SUMMARY

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- Chemical engineering graduate, class of 2018, with strong foundations in safety and risk management, process design and management, energy balances, financial management, and cellular biology.
- History of delivering on-time quality results using excellent leadership, communication, and interpersonal skills. These skills were developed through extensive experience in project management and volunteering.
- Received a Sam Kolias and Family Community Service Leadership Award in Engineering, valued at \$5000 and over \$17,000 in scholarships due to academic excellence.

## COMPUTER SKILLS

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- Adept in the use of simulation/modelling software namely Visio, MATLAB and Labview
- Proficient in the use of Microsoft Office, Adobe and Microsoft Outlook

## EDUCATION

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### **BSc., Chemical Engineering\***

Sept 2014 – Present

University of Alberta, Edmonton, AB

\*Completion: April 2018

Key courses include:

- Engineering Safety and Risk Management
- Special Projects in Chemical Engineering in Risk Management
- Operations Management
- Chemical Engineering Project Laboratory
- Process Dynamics and Control
- Organic Chemistry
- Chemical Reactor Analysis

## WORK EXPERIENCE

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### **Research Assistant**

May 2017 – Present

University of Alberta

- The research focuses on the enhancement of Safety Management System modeling by incorporating overlooked elements and by developing Key Performance Indicators.
- Co-wrote a paper that focused on the relationship between productivity, quality and safety. Scheduled to present the paper at the 67<sup>th</sup> Canadian Chemical Engineering Conference.
- Enrolled in a special project course where the objective would be to enhance Safety Management System modeling by incorporating overlooked elements. A survey will be developed which will be used to support the theoretical findings of this project.

- Risk management research and the special project course was conducted under Dr. Lianne Lefsrud.

### **Engineering Councilor**

April 2017 – Present

Student's Union and General Faculty Council, University of Alberta

- Collaborated with 31 elected colleagues to plan and implement items related to governance, facilities, finance, wellness for roughly 40,000 students.
- Advocated for 6,000 engineering students to ensure appropriate representation at the University level.
- Advised and approved the creation and allocation of a \$ 11 Million budget for the academic year of 2017-2018.
- Communicated students' concerns at the General Faculty Council and assisted in the formation of the University's 2017 academic plan, programs, policies and awards.

### **Resident Assistant**

May 2017 – Present

Resident Services, University of Alberta

- Prepare and present weekly reports to area supervisor including: community development plan reports, incident reports, programming logs and on-call logs.
- Provide individualized support to residents in the areas of conflict management, mental health and well-being and relationship-building.

### **Room Manager and House Manager**

Oct 2016 – Present

Student Union, University of Alberta

- Oversee up to 8 staff per event, assuming responsibilities in training staff, promoting team work, ensuring customer satisfaction.
- Keep and verify records for operations manager including: staff work and attendance, security and general reporting, and assist in reconciliation and processing of admissions and merchandise commissions.

## **LEADERSHIP AND INVOLVEMENT**

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### **UASU Events Facilitator and Outreach Coordinator**

April 2017 – Present

Students' Union, University of Alberta

- Assist in the planning and implementation of all university wide events namely Week of Welcome, Campus Cup and Anti-freeze which are expected to receive an attendance of more than 7500 students.
- Advised and assisted in the creation of an event timeline outlining all necessary procedures and preparations for each event.
- Reached out and negotiated with several student groups around campus to collaborate with the Student Union to organize various events.

### **Associate Vice President**

May 2016 – April 2017

Engineering Student Society (ESS), University of Alberta

- Managed the ESS's annual event budget of \$26,000 which was used in the purchase of necessary materials such as stages and food for the events held by the organization throughout the year.
- Supervised 12 coordinators who were responsible for planning the annual 10 events held by the ESS