

## ***SAVANA DEARHEART***

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### **Objective**

To obtain employment as an Analytical Chemist in the pharmaceutical industry

### **Education**

#### **Bachelor of Science, Chemistry (Honours)**

2011

Concordia University, Montreal, QC

*Relevant Courses:* Physical Organic Chemistry, Organic Synthesis,  
Electronic Spectroscopy, Heterogeneous Catalysis

### **Languages**

Fluent in French and English

### **Computer Skills**

Windows, Sigma Plot, Chemstation HPLC, and MS Office

### **Academic Projects**

#### **Organic Reaction using Bronsted Catalysis Law**

- Worked with a team of 6 people to develop a reaction using Bronsted Law
- Determined which catalyst to use with a sodium-based ion
- Conducted 5 tests to discover reactions under different temperatures
- Analyzed results of each test and identified key factors
- Organized and clarified results as well as conclusion in a 45-page report

#### **Synthetic Nucleic Acids Paper**

- Devised strategy and design of a synthetic acid
- Collected relevant material to aid in the development of acid
- Extracted and interpreted information from various experiments
- Evaluated key factors that affect synthesis of nucleic acids
- Summarized results in a 100-page paper that was presented to 60 people

#### **Catalytic Reactors**

- Used Chemstation and Sigma Plot to analyze various catalytic reactors
- Prepared and presented a report using PowerPoint to group of 75 people

## **Employment Background**

**Library Assistant** 2009-2011

Montreal Municipal Library, Montreal, QC

- Organized schedules of various staff members
- Recommended various books for research to students and staff
- Arranged books alphabetically on shelves in different sections

**Telesales Representative** Summer 2009

Concordia University Commerce Department, Montreal, QC

- Conducted various telephone conversations to obtain donations for the commerce department
- Compiled a list of alumni members that could be contacted
- Processed donations and entered data into computer database

## **Volunteer Experience**

**Seniors' Assistant** 2007-Present

Villa Mont-Royal, Montreal, QC

- Help geriatric patients with day-to-day activities and exercises
- Organize and participate in various social activities
- Bring meals and feed disabled patients
- Perform musical numbers every Saturday night as entertainment

## **Extra-Curricular Activities**

**Member** 2008-2011

Concordia University – Chemistry Students' Association

- Participated in social and educational events
- Contributed articles to active website of The Chem newspaper
- Attended weekly meetings to discuss issues of interest

## **Interests**

Piano and singing, swimming, volleyball, chemistry related reading and writing

**References available upon request**