

# GEORGE COSTANZA

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github.com/costanza

## HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in level 2 of an integrated 4.5-year joint technology & management program through McMaster University and Mohawk College
- 100+ hours of hands-on experience working with analytical laboratory equipment, including that within chemical engineering processes
- Currently possess a valid O.I.T for Water Treatment and Water Distribution
- Extensive teamwork experience demonstrated by extracurricular involvement
- Able to follow safety procedures as set in place for both corporate and academic laboratory environments including biosafety level 2 laboratories

## EDUCATION

### Bachelor of Technology, Biotechnology

Expected completion in 2020

McMaster University, Hamilton ON

- Received the **McMaster Honour Award** (\$1,000) for an admission average of 91%
- Degrees awarded upon completion:
  - Bachelor of Technology Degree from McMaster University
  - Advanced Diploma in Biotechnology from Mohawk College
  - Business Management Certificate from Mohawk College

### Relevant Courses:

Chemical Engineering Concepts  
Technical Communication I & II  
Professional Workplace Practice

Microbiology  
Cell Biology  
Organic Chemistry

Molecular Biology  
C++ Programming  
Management Principles

### Relevant Projects:

- Utilized excellent **time management, organizational, and interpersonal** skills while working on a team of 5 to research, develop, and present a sustainable energy solution to industry stakeholders (*Grade Received: A+*)

## SKILLS

### Laboratory

Polymers  
Distillation  
Titrations  
RNA Synthesis

### Programming

C++  
Java  
Python  
HTML

### Safety

BSL-2 Training  
WHMIS  
Standard First Aid

### Languages

French (Intermediate)  
Spanish (Basic)

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## WORK EXPERIENCE

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**Dance Instructor** 2014 - 2017  
That's Dancing, Hamilton ON

- **Created** 3 new choreographed routines each year for classes of 10-20 students aged 3-6 years old
- Exercised effective **oral communication skills** by adjusting content and delivery to meet each dancer's needs
- Showcased **attention to detail** and **willingness to assist** other roles while helping with administrative tasks in **Microsoft Office** such as scheduling classes, ordering costumes, and coordinating studio advertisements

## VOLUNTEER EXPERIENCE

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**Dog Walker** 2014 – 2016  
Hamilton-Burlington SPCA, Hamilton ON

- **Maintained** the living space of up to 12 dogs while **communicating** supply needs to direct supervisor
- **Followed the organization's safety mandate** during canine and feline quarantines in order to minimize the spread of viruses and infections
- **Independently** assigned the administration of canine medication for 4-6 senior dogs due to academic background and general interest in veterinary medicine

## EXTRACURRICULAR ACTIVITIES

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**Vice President, Bachelor of Technology Association** 2017 – Present  
McMaster University, Hamilton ON

- **Lead** 20 representatives in the organization of 2-3 on-campus and off-campus social events per month to promote cohesion between 3 Bachelor of Technology Programs
- **Liase** between the B.Tech. student body of 800+ peers and other Faculty of Engineering extracurricular clubs to promote inclusion of Bachelor of Technology students and academic interests in Faculty initiatives

**Team Member, Internationally Genetically Engineered Machines (iGEM)** 2016 - 2017  
McMaster University, Hamilton ON

- **Collaborated** with a team of 9 to design, build, and test a ventilation product aimed at reducing the emissions produced by Hamilton Health Sciences gene testing equipment
- Travelled to the United States to **present** the completed design to over 60 universities