
Samar Sajnani

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PROFILE

Pursuing a degree in bioinformatics in the department of computer science at the University of Western Ontario. Highly motivated, creative, and versatile especially skilled in tasks that require analytical, and planning skills. Worked in situations that ranged from looking after children to working with older individuals. Learned about many health conditions and dealt with injuries in standard first aid, and lifeguarding. Driven to accomplish goals and surpass obstacles. As such, I am searching for a position that will provide a reasonable challenge.

EXPERIENCE

Perioperative Care Volunteer at Victoria Hospital (London Health Sciences Centre) Jan 2016-Present

- Worked at the perioperative care waiting room front desk responding to family inquiries
- Facilitated patient family visits to and from perioperative care by coordinating with the nurses in each area
- Ensured that complete confidentiality was used when dealing with sensitive information
- The motto of the volunteer department was respect, to treat others the way you would like to be treated
- Volunteered for around 70 hours often doing two to three shifts a week each being four hours in length

Researcher in the UWO Biochemistry Department May-Aug 2014

- Worked with a PhD candidate, Adam Rabalski, in developing a fluorescent color-changing cancer biosensor
- Extensive salvaging and cloning of a defective pre-developed biosensor was conducted
- Molecular simulation models were produced for the purpose of developing new favorable molecular interactions
- Research was concluded with a thesis and a poster presentation
- Dr. David Litchfield, the chair of the Biochemistry Department, directed the research project

Research Assistant in the UWO Anatomy and Cell Biology Department Sep 2013-Jan 2014

- Assisted Sagar Desai, a PhD student, with validation of the model for schizophrenia in *Rattus norvegicus*
 - Drugs acting on neurotransmitters GABA and glutamate were used and their neural effects were analyzed
 - Analyses include behavioral tests such as the set-shifting task, and stress-induced locomotor activity
 - Supplemented by the development of histological brain samples using immunohistochemistry
 - Supervision by Dr. Nagalingam Rajakumar, a prominent researcher in the anatomy and cell biology department
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EDUCATION

- University of Western Ontario, Mississauga, ON — BSc Bioinformatics/Computer Science (expected 2018)
 - University of Western Ontario, Mississauga, ON — BMSc (expected 2016)
 - Gordon Graydon Memorial Secondary School, Mississauga, ON - High School Diploma (Received 2011)
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ACHIEVEMENTS

- G-Driver's License
 - Standard First Aid and CPR-C with AED certification acquired in 2015
 - Programming in Python
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