# SAMI ALI CHOUDHRY

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## PERSONAL PROJECTS/TECHNOLOGIES

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|---|---|
| • Created core operating system with runtime application (Java) | *Oct 2017* |
| • Developed sports website as part of web development (HTML, CSS and PHP) | *Nov 2017* |
| • Coded android app for Golden Hour Response (Android Development) | *Nov 2017-Feb 2018* |
| • Fabricated aasha maps for Err_404 Hackathon (Android Development) | *Oct 2017* |
| • Build honeypot - Script (Python) | *Oct 2018* |
| • Designed Color Enhancement Software (Python, Video Processing) | *June 2018-April 2019* |
| • Twitter Sentimental Analysis (Natural Language Processing) | *Oct 2019* |

## EDUCATION

**Master of Computer Science Co-op**                                     *Sept 2019-Present*
University of Windsor, Windsor, ON

**Bachelor of Computer Engineering**                                     *Aug 2015-May 2019*
M.H Saboo Siddik College of Engineering

## WORK EXPEREINCE

Team Leader, *Spark T.in*                                                 *2018-2019*
- Collaborated and developed product as per clients need
- Developed a software for color blind patients, successfully under patent

Research Assistant, *MH Saboo Siddik College*                            *2018-2019*
- Assisted in developing algorithm and testing on 300 patients in hospital
- Completed thesis and published research papers under Artificial Intelligence

Computer Science Teacher, *Windsor Islamic High School*                   *2019-Present*
- Teaching fundamentals of Python to secondary school students.
- Implementing real life python applications with student interaction

Research Assistant, *University of Windsor (Dr Ahmad)*                    *2019-Present*
- Computer Vision and Social Network of video streaming channels

## ACHIEVEMENTS

Core and Joint Treasurer of CSI (Computer Society of India)               *2017-2019*
- Elected as Treasurer consecutively, maintaining records of finance

Deep Blue Season 3 (Super 20)                                            *Oct 2017-Feb2018*
- Selected in top 20 teams in a state level developer's competition (Android)

Guinness World Record                                                     *Mar 2018*
- Participated in world's largest hackathon of coding

Overview Study of Color Enhancement Technique for the Aid of Color-Blind Individuals  *April 2019*
- Publication

Industrial Patent                                                         *May 2019*
- Filed an industrial patent on CVD algorithm

## CERTIFICATION

- Fundamentals of Python programming – www.udemy.com
- Fundamentals of Python programming – www.spokentutorials.com
- Python Data structures – www.coursera.com
- Programming for Everybody – www.coursera.com

## SKILLS

- Languages: - Python, Java, C
- Hands on with Data Analysis in classification and clustering
- Data representation and visualization using seaborn for real data
- Experience in project management as a head of college visits

## ADDITIONAL EXPERIENCE

- Private Tutoring: - Coached high school students for mathematics and computer science
- Travel Consultant: - Worked as a Public Relations executive with day to day client interaction.
- Volunteering: - Worked as a social volunteer for Rotaract and Lions Club.
- Organizing: - Conducted a trip of 48 students and then 112 students next year for Industrial Visit