

# Vishaal Shah-Chittur

Systems Design Engineering

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## Experience

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### Full Stack Developer (2016-2017)

#### Kenna

- Full stack development with MS SQL Server and IBM Lotus Notes platform, utilizing Domino Designer IDE
- Worked within several client modules, created and updated various functionalities for tools
- Designed and developed dynamic interfaces for users
- Built backend PDF generation system for client warranties
- Wrote and debugged document queries with LotusScript
- Manipulated SQL data structuring to streamline load times
- Optimized SFTP network using Java (JSch API)
- Coordinated with leads during department scrums

### IT Analyst (2016)

#### Toronto-Dominion Bank

- Parsed data from several TD branches to tabulate Monthly Operational Report metrics for bank retail and email users
- Wrote Python script with Splunk API to search and retrieve cloud data for thousands of TD VM's
- Consulted for visualization techniques in informational reporting and proposal decks
- Automated scheduled spreadsheet processing with Excel VBA coding and reworked team macros to deliver faster, efficient solutions

### Sponsorship Marketing Manager (2013-2015)

#### Impact Tomorrow

- Worked with 3 founders of non-profit organization to promote youth entrepreneurship
- Responsible for garnering sponsors and facilitating business partnerships, planning, marketing
- Executed two entrepreneurial promotional and networking events for 300+ students in GTA - featured keynote speakers, interactive seminars, ideation workshops, pitch competition

## Education

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### University of Waterloo (Class of 2021)

Candidate for Honours Systems Design Engineering (BASc)

**Awards:** President's Scholarship, Motorola Eng. Scholarship

**Relevant courses:** Computation, Human Factors in Design, Digital Systems, Data Structures and Algorithms

### Glenforest Secondary School (2011-2015)

International Baccalaureate Diploma

**Graduating Average:** 95%

## Skills

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### Technical

#### • Languages:

Python, C++, HTML, CSS, JavaScript (jQuery), VBA, Arduino, PHP, Java, SQL, XML/XSP

#### • Creation:

Adobe Photoshop, SolidWorks, Logic Pro X, Flash, iMovie, Microsoft Office Suite

### Personal

- Social and networking
- Communication
- Quick learner
- Ambitious
- Leadership
- Strategy and planning
- Analysis

## Projects

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### Dream Team Pong

Developed ping pong game using Python and QtGUI interface

### Dicejack

Built Blackjack simulation implementing various hardware configurations with Arduino UNO

### Kōan – Hack The North 2016

Panic attack prevention app built with MUSE Headband SDK, using Python, Firebase, Ruby on Rails, node.js, Twilio API

## Extra curricular and Volunteering

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### Leadership Developer (2013-2015)

Peel Students' Presidents Council

- Coordinated activities with hundreds of regional students at overnight leadership conference for holistic development

### Youth Committee Ambassador (2015)

Multiple Sclerosis Society of Canada

- Worked to bring issue and awareness of MS to forefront of youth in community
- Organized event campaigning and design, lead sales team

## Activities and Interests

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- Lifeguarding (12 years of swim experience & qualifications)
- Drawing and design
- Videography
- Music
- Writing
- Economics
- Powerlifting