

RISHI VIMALENDRAN

SYSTEMS DESIGN
ENGINEERING

CONTACT

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TECHNICAL SKILLS

- C++
 - <https://github.com/rishivimal10/SYDE-161>
- Java
- SolidWorks
- MATLAB
- Microsoft Office

RELEVANT PROJECTS

- Receipt App (2018) - Java
 - Created a skeleton program of a receipt scanner and analyzer
- Books and Library (2019) - C++
 - Utilizes classes to create library instances which consists of book objects
- Soccer Simulation (2019) - C++
 - Simulates a game of soccer with multiple shot and foul possibilities
 - Outputs commentary, half-time, and full-time stats
- Boeing 747 Model (2019) - SolidWorks

AWARDS AND EXTRACURRICULARS

- DECA Entrepreneurship
 - Top 15 Provincials (2019)
- Major League Hacks - Local Hack Day
 - Best App Award (2018)
- Competitive Soccer
 - Captain of Markham FC (2014-18)
 - Co-Captain of Markville Soccer (2019)
- Markville Newspaper
 - Editor and Writer (2018 - 19)

SUMMARY OF QUALIFICATIONS

- Demonstrated strong object-oriented programming knowledge and skill, through winning the "Best App" award at MLH's Local Hack Day
- Advanced verbal and written communication abilities through playing competitive soccer and being the Growth Strategist at Project Ethos
- Excellent ability to both problem-solve and adapt, shown by receiving distinction at DECA provincials and enhanced by managing the unpredictability of summer camp
- Strong teamwork and leadership skills exemplified through being the Volunteer Lead for Markham Key Club and the captain of multiple soccer teams

EXPERIENCES

Growth Strategist

Project Ethos |

SEPT 2017 - JUN 2019

- Expanded the Project Ethos network to more than 30 chapters in over 10 countries through the use of the GoodWall app
- Served as the main communication channel for 10+ clubs, advising and supporting the growth of chapters

Volunteer Lead

Markham Key Club

NOV 2017 - AUG 2019

- Collaborated with other members of the team to implement fundraising events, which raised more than \$500
- Led and organized volunteer efforts, such as giving CareKits to the homeless

Camp Counsellor

Markham Sports Dome

JUL - SEPT 2019

- Analyzed weaknesses in the scheduling of the camp and proposed alterations which increased the satisfaction of camp participants

Crew Member

McDonald's

JUN 2017 - JUN 2019

- Thrived in a high-pressure environment by utilizing problem-solving and teamwork skills at a fast pace
- Created a stellar customer-service environment through highly effective communication

EDUCATION

University of Waterloo

Candidate for Systems Design Engineering (BASc)