

Janakitti Ratana-Rueangsri

Creator • Designer • Developer

Address: 5935 Cabrera Crescent,
Mississauga, ON
Phone: (647) 926-2515
Email: janakittiratana@gmail.com
Github: github.com/janakitti

EDUCATION

The Woodlands School — Mississauga, Ontario

2015 - Present | Grade 12, Enhanced Learning Program

EXPERIENCE

Youth Activity Council — River Grove Community Centre

2017 - Present

- Collaborated closely with members to organize and host engaging activities celebrating youth within the community

Student Ambassador — WE Charity: Mississauga Youth

2016 - 2017

- Promoted WE Charity campaign events in the city to raise awareness for the challenges faced by youth in poverty in other countries

Robotics Lesson Planner — Whitehorn Public School

2015 - 2017

- Developed a computer science lesson plan to introduce elementary students to the field of robotics

EXTRACURRICULAR ACTIVITIES

Student Council — Vice President

2017 - Present

- Ran weekly council meetings and delegated tasks to council members
- Organized a school-wide semi formal event, hosting 200+ guests

DECA Business Competition — Entrepreneurial Competitor

2017 - Present

- Developed a winning startup company called *Spark*, a parking lot management system, to minimize traffic congestion in major cities

VEX and FRC Robotics — Software Lead

2015 - Present

- Prepared weekly programming lessons for new members
- Programmed computer vision system for the competitive robot using Raspberry Pi

SKILLS

Languages: Python, Java, JavaScript, HTML, and CSS.

Technologies: Git, Firebase, Arduino, Raspberry Pi, Autodesk Inventor, Adobe Illustrator, Motion 5, and Microsoft Office Suite.

ACHIEVEMENTS & AWARDS

- DECA Ontario Provincial Champion (2018 and 2019)
- Winning DECA Ontario Competition Shirt Design; worn by 600+ members (2018)
- FIRST Robotics World Championship Divisional Semi-Finalists (2018)
- McMaster Physics Competition — Highest score in school, honourable mention (2017)
- Economic Development Prize at Snowday '17 Hackathon (2017)
- SHAD Waterloo Alumnus and Ambassador (2017)
- PMTA Music Festival Leadership Award (2015)

PROJECTS

Piing — Virtual Reality Game | [Python](#)

- Developed an echolocation-inspired VR maze game using Python and the Myo Gesture Control Armband API

quizBase — Quiz Database | [Web](#)

- Designed an online quiz database using Google's Firebase for peers to create and take quizzes to review course material

Employee Management System | [Java](#)

- Built a desktop application to manage employee profiles using a hash table for efficient data storage and access
- Utilized object-oriented programming principles to improve efficiency

WizardOfColour — YouTube Channel Project | [Multimedia](#)

- Created a YouTube channel for multimedia and creative videos with 1150+ subscribers
- Demonstrated how simple resources like Microsoft PowerPoint can be used to create elaborate animations and even develop a working video game