

# Sanju Sathiyamoorthy

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## TECH

- Fluent in C++ (1 year), Java & Python basics
  - OOP, Pointers, Dynamic memory allocation, algorithms & data structures
- Javascript, HTML, CSS, React basics
  - Front-end development experience as a web developer [Click to see my portfolio](#)
  - Experience with Content Management Systems: Shopify, Wordpress, Wix, Squarespace
- Git, Github, Text Editors
- AutoCad & Solidworks Experience through courses

## SKILLS

- Strong sense of problem solving and analytical skills developed through passion for math
- Very easily adaptable with an aptitude for learning
- Compelling communication skills through involvement in various public speaking initiatives
- Naturally Inquisitive with a passion for STEM fields and an excitement to work
- Efficient time management resulting from a well rounded high school experience
  - (96.5 overall senior average, 5+ school clubs, boys soccer team, volunteering)

## EDUCATION

### University of Waterloo, ON *(Sept 2020 - Current)*

- Candidate of Mechatronics Engineering Program
- Taking courses in C++, Engineering Graphing and Design

## EXPERIENCE

### Web Developer/Designer - Digital Main Street at Communitech *(Jan 2021 - April 2021)*

- Worked closely with small teams to help small businesses negatively affected by Pandemic
- Helped take business online, improve digital presence and acted as technical support
  - Ex: Created new sites, added online delivery option, product catalogue, SEO work etc.
- Greatly improved interpersonal skills through working closely with team & clients
  - Establish goals, discuss progress & reevaluate timeframes

### Vice President of Ted-ed Glenforest *(Sept 2018 - June 2020)*

- Organized school wide TED-talk conference to promote public speaking and individual expression in our school
- Led the club council and coordinated with teachers to run the event developing leadership, public speaking skills and confidence

## PROJECTS & ADDITIONAL INFO

### Personal Portfolio *(3 weeks)*

- Using HTML, CSS, Javascript created a static website using Github Pages [\(Click to View\)](#)

### Arcade Game *(1 month)*

- Using GameSalad (Codeblock), created an arcade game for everyone to play [\(Click to Play\)](#)
- Practice with UX/UI, design for the game (ex:sprites, animations, sounds, menus, loading screens)
- Displayed resilience by pushing through numerous setbacks (lost progress, weeks of debugging)