Saswata Gupta

1B SOFTWARE ENGINEERING

Phone
Email

Website

GitHub

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sgupta.me

416-452-4986

github.com/sas5580

skills

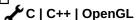
- C / C++
- Python
- JavaScript
- HTML / CSS
- Object-Oriented Programming
- NodeJs
- OpenGL
- Android App Developement

projects

OpenGL Physics Simulator

2016-2017

Graphically integrated sandbox



- Object-oriented design with Shader, Mesh, and PhysicsObject classes
- Responsive design to function effectively on any machine

Quest Cabochon

2016

Web Browser Role Playing Game

JavaScript | Phaser | NodeJs

- Multiplayer supported with NodeJs server
- Includes completed graphics and audio as well as many game play mechanics

LIBestimote

2015-2016

Android app with Estimote beacons

Java | XML | Estimote API

- Locational library system
- Features include finding books based on location followed by directions to the book

experience

Multiple Hackathons

2016

Demonstrated collaboration, creativity and time management when creating projects to demo to judges Hackathons: PennApps, HackWestern, MasseyHacks

Marking Assistant | Kumon 2015-2016

Demonstrated diligence with consistent large workload Communicated with students effectively

Warehouse Volunteer | Habitat for Humanity

2015

Formulated plans for product placement in the warehouse

Managed team of volunteers to effectively organize products

awards

Euclid Math Contest Entrance Scholarship

2016

Awarded for placing in the top 10% in the 2016 Euclid Math Contest hosted by the CEMC

Magna Family Scholarship 2016

A scholarship worth \$3000 per year awarded for excellency in academics and showing involvement in the community

Bronze Medalist at Canadian Computing Olympiad

2015

The top 25 scores from the Canadian Computing Competition are invited to participate in the CCO

education

University of Waterloo

2016-2021

Honors Software Engineering Co-op Candidate for Bachelors of Software Engineering