



PERSONAL SKILLS

Communication
Public Speaking
Ingenuity
Teamwork

TECHNICAL SKILLS

(EXPERIENCE LEVEL)

C++	<div><div></div></div>
Python	<div><div></div></div>
Java	<div><div></div></div>
Javascript	<div><div></div></div>
CSS	<div><div></div></div>
HTML	<div><div></div></div>
SQL	<div><div></div></div>
Adobe Suite	<div><div></div></div>
MS Office	<div><div></div></div>

CERTIFICATIONS

SOLUTIONS ARCHITECT ASSOCIATE
AMAZON WEB SERVICES
2020-2023

CLOUD PRACTITIONER
AMAZON WEB SERVICES
2019-2022

INFO



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Canada



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Github

github.com/rheera

RAMAN HEERA

DEVELOPER



WORK EXPERIENCE

SOFTWARE ENGINEER INTERN | ROBERTS RESEARCH INST. 2017-2018

- Worked on creating a Slicer module capable of replicating X-ray results, for surgeons and nurses to practice virtual spinal interventions, without the need to be exposed to fluoroscopy by using a virtual C-Arm instead.
- Uses an optical tracker to capture the spine model, the needle, and the virtual fluoroscope camera head in 3D space with minimal input lag.
- Created in-depth documentation for future developers to work on the project as well as for anyone looking to use it. This paired with comprehensive commenting of code led to future advances to the project.
- Created the module using CPP within Visual Studio.

CO-FOUNDER | DAPPER BLVD. 2015-2019

- Co-founded a men's accessory e-commerce boutique with over 1000+ sales and hosted over 10 boutique brands.
- Responsible for marketing, such as making sure the website and social media are aesthetically pleasing and running smoothly.
- Also delegated tasks, filling all roles myself when needed, such as: ordering products in bulk, innovating designs, assembling merchandise, establishing and maintaining customer relations.
- Demonstrated effective written and oral communication with partners and clients which led to exposure through different avenues such as fashion shows and influencers. It also promoted customer satisfaction which in turn generate more sales.



EDUCATION

London, ON | April 2018 **UNIVERSITY OF WESTERN ONTARIO**
Dean's Honour List B.Sc IN COMPUTER SCIENCE
MINOR IN SOFTWARE ENGINEERING



PROJECTS

TEAM LEAD | NVIZION. 2016-2017

- Collaboration Project with Schulich School of Medicine and Dentistry
- Completely updated and revamped an employee organization system for Schulich.
- Added visualization features such as graphs and sorting methods for quick reduction in data, this helped employees sort more efficiently and with more detail.
- Created a lucid install and user guide; as well as a detailed report with all features, deliverables, design patterns, and use cases.
- Created using CPP.

DEVELOPER | NBA Stats to Redefine Player Roles. 2018

- Created a script using Selenium in Python to scrape data from a Basketball Reference website and input the data into an SQL database
- Used the data to weigh different statistics and create new positions, rather than just the traditional five positions.
- Using these positions and stats we could find better team compositions.
- Created using Python and SQL