

Raja Gemini

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Linkedin.com/in/rajagemini

Highlights of Qualifications

- Currently enrolled in the Master of Engineering Co-op program in the department of Electrical and Computer Engineering at McMaster University, eligible for a 4-12-month Co-op starting in January 2023
- Experience with Python, Java, and C programming with knowledge of electronic circuits and IOT gained through course, lab work and projects.
- Awarded with Rising Star award in the PINNACLE AWARDS FY21 by the North America Market of Accenture Solutions Private Limited while working as an Automation and Functional Test Engineer

Education

Master of Engineering - Electrical & Computer Engineering Co-op **January 2022 - Present**

McMaster University, Hamilton ON

- Coursework includes Prototyping Web and Mobile applications using Ruby on Rails and Special Topics in Computation - Machine Learning

Bachelor of Engineering - Electronics & Communication Engineering **Sept 2016 - Aug 2020**

RNS Institute of Technology, Bengaluru India

- Achieved a cumulative grade point average of 8.38/10 under Visvesvaraya Technological University (VTU)
- Relevant coursework includes Programming in C & Data Structures, Analog & Digital Electronics, Microprocessor, Signals & Systems, and Digital Signal Processing

Experience

Project Assistant, University Technology Services

May 2022 - Present

McMaster University, Hamilton ON

- Responsible to handle the technical projects of University Technology Services related to privacy and security.

Application Development Associate

Jan 2021 - Dec 2021

Accenture Solutions Private Ltd., Bengaluru, India

- Responsible to automate, functionally monitor and manage four important modules in the client's website by being a SME as a Functional and Automation Test Engineer.
- Awarded with the Rising Star award in the PINNACLE AWARDS FY21 by the North America Market of Accenture Private Solutions Limited

Embedded Software Developer Intern

Oct 2020 - Dec 2020

Skillfinity, Bengaluru, India

- Responsible to develop code for the automotive project and test the developed code.

Intern

Jan 2020 - Feb 2020

Skillfinity, Bengaluru, India

- Worked under the project entitled "C Programming and Embedded Systems".

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Experience Continued

Grocery Clerk & Personal Shopper

Jan 2022 - Present

Fortinos, Hamilton ON

- Provided great customer service by ensuring the store shelves are stocked and by responding to customer needs, stock product displays and shelves that meet company standards, setup company-directed promotions and programs and keep department areas neat and ensure health and safety standards

Projects

Technology Enriched City & Home

Aug 2019 - Aug 2020

- A final year major project of Smart City and Smart Home involving implementations of few features of Smart City and Smart Home by developing Social Impact applications. (Awarded with Best Paper Award in IETE Sponsored National Conference at RNS Institute of Technology)

Traffic Management in Hilly Terrain Areas

March 2019

- Monitoring traffic in hilly terrain areas and alerting the officials to solve the issues if any calamity occurs.

Mobile-Controlled Automation

March 2018

- Automating our home appliances using DTMF technology by using a simple mobile phone/smartphones/telephone without the use of any microcontroller
- Awarded with Best Hardware Project out of 18 groups

Publications

Technology Enriched City and Home (T.E.C.H)

May 2020

International Research Journal of Engineering and Technology (IRJET)

Traffic Management in Hilly Terrain Areas

April 2019

Conference on Business Management and Information Technology ICRBIT

Certificates

Java Programming: Solving Problems with Software

2020

Certified by Duke University offered through Coursera with Honors

Java Programming: Arrays, List and Structured Data

2020

Certified by Duke University offered through Coursera

Certificate on Skill on Embedded Programming for Sensors and Wireless Devices

2019

Certified by Ministry of Skill Development and Entrepreneurship National Skill Training Institute

Skills

- | | | | |
|--------------------------|----------------------------|--|-----------------------------|
| • Python Programming | • MATLAB Programming | • Automation Testing using Selenium & Testcafe | • Ruby on Rails Programming |
| • JavaScript Programming | • HTML, CSS, C Programming | | • IOT & Embedded Systems |