

# SAMARTH ROY

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## PROFILE

- Detail-oriented, quick learner committed to delivering high quality work.
  - Highly adaptable, possessing the ability to work and communicate effectively in diverse teams.
  - Strong research and analysis skills that allow for efficient problem solving.
  - Expected graduation: December 2021
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## WORK EXPERIENCE

### **Business Tools Developer – Tantalus Systems, Burnaby, BC | January 2019 – August 2019**

- Completed web-service integration project to accept, process and create RMA (Return Merchandise Authorization) tickets for one or more returned products.
- Managed basic administration and completed feature requests such as adding fields to reports or optimising reports for the company's internally used platforms.
- Produced easy-to-follow procedural documentation and detailed project documentation.

### **Frontend worker – McDonald's Canada, Victoria, BC | May 2018 – October 2018**

- Worked as a cashier.
- Prepared and served food to customers.

### **Supply Chain Management Intern – Emsons Radio Corp., New Delhi, India | July 2015**

- Monitored receipts of products and shipments.
  - Worked as a quality control assistant, organising dispatch of finished products.
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## EDUCATION

### **University of Victoria, Victoria, BC | September 2016 – present**

- BSc Computer Science (minor in Business) – 3<sup>rd</sup> year

### **Sanskriti School, New Delhi, India | July 2014 – May 2016**

## SKILLS

### Languages

- Proficient in Java, C, Python, and APEX (Salesforce).
- Familiar with HTML, CSS, JavaScript, XML, Robot-C, Assembly and shell scripting.

### Frameworks

- Spring Framework, Hibernate
- Maven (for dependency management)

### Networking

- REST and SOAP web-services
- TCP/ IP, FTP, SMTP, SSH, client-server programming

### Version Control

- GIT, CVS

### Databases (Relational)

- MySQL, MariaDB

### Diagramming and prototyping

- Figma, Balsamiq, Gliffy

### Operating environments

- Windows, Linux

### Tools and applications

- Atlassian JIRA, Atlassian Confluence, Salesforce, MS Office Suite, VirtualBox, Wireshark, PuTTY, WinSCP, Postman, SOAP UI, Eclipse IDE

### Others

- Proficient with the use of algorithms and data structures when required.
- Design and documentation.
- Debugging and troubleshooting.

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## PROJECTS

### UVic Neurotech | September 2019 – present

Actively involved in a project aimed at creating a BCI (Brain Computer Interface) via Bluetooth to visualise EEG data using non-invasive electrodes.

### Underwater Autonomous Robot Prototype | January 2017 – March 2017

Designed, developed and tested a prototype for an Underwater Autonomous Cable carrying robot constructed using a VEX kit and external proximity sensors, programmed using Robot-C.

## ACHIEVEMENTS

### **Western Engineering Competition, Banff, BC (WEC 2017) | January 2017**

Qualified for and participated in the Junior Design category, contributing towards **winning the Spirit Cup** as part of the delegation from the University of Victoria by displaying exceptional desire, enthusiasm, and team spirit.

### **University of Victoria Engineering Competition (UVEC) | October 2016**

**Was placed first** in the University of Victoria Engineering Competition (UVEC) for Junior Design, earning qualification to participate in the Western Engineering Competition, 2017 (WEC 2017) in the process.

### **Rutledge Park Design Project | September 2016 – October 2016**

**Was part of one of the top 17 teams out of 154** to come up with an engaging and educating design for a public washroom in Rutledge Park, Victoria, BC that operates on solar energy.

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## INTERESTS AND HOBBIES

Soccer, working out, gaming, reading, learning about business and finance.

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## REFERENCES

Available upon request.