

# PRAYANSH SRIVASTAVA

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## TECHNICAL SKILLS

### LANGUAGES:

- Java (Android) (4 yrs)
- HTML/CSS (2 yrs)
- JavaScript (2 yrs)
- C++ (2 yrs)
- Python (4 months)

### SOFTWARE:

- Eclipse
- Android Studio
- IntelliJ IDE's
- Photoshop
- Illustrator

### DATABASE:

- SQL (4 months)

## WORK EXPERIENCE

JUNIOR SOFTWARE DEVELOPER, CO-OP (JANUARY 2017 – PRESENT)

**Absolute Software Corporation, Vancouver**

- Contributing to the Android product for Data and Device Security
- Fixing defects in existing versions of the applications as well as developing new features, unit tests, build and development tools

DEVELOPER, CO-OP (JANUARY 2017 – PRESENT)

**Awesense Inc. Vancouver**

- Worked on the company's new project to increase volume of data ingestion and reduce processing time
- In charge of maintaining the company's Datagen Module
- Succeeded in creating a self-sufficient, live data generation virtual machine which serves as a demo for potential clients

TEACHING ASSISTANT (SEPTEMBER 2016 – DECEMBER 2016)

**CPSC 210, University of British Columbia, Vancouver**

- Worked as an undergraduate TA for Computer Science course teaching Software Construction using Java
- Job responsibility includes managing lab sections and hosting office hours

PROJECT TRAINEE (JUNE 2016 – JULY 2016)

**Larsen & Toubro, Research and Development, Mumbai**

- Worked in the R&D department tasked with exploring the ROS platform and utilize ROS for various image transformation using OpenCV
- Developed a software for automated lane detection on a marked road, through a webcam/video feed

INTERN (JUNE 2015 – JULY 2015)

**TCS IT Solutions, Mumbai**

- Worked in the IoT department tasked with communicating with the building's sensors built over the MODBUS protocol in a Java environment
- Developed a software which runs periodically to ascertain the building's power consumption and hourly electric usage

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## PERSONAL PROJECTS

### UPASS RENEW (LEAD DEV, MARCH 2017)

- A python script used to automatically renew a UBC Compass card monthly

### SMOGON POPUPS (LEAD DEV, DECEMBER 2016)

- A chrome extension for [www.smogon.com](http://www.smogon.com) to display popups for abilities and items making site navigation easier and more intuitive

### PLAY 10 (LEAD DEV, APRIL 2016)

- A fun twist to the age-old game of Tic Tac Toe featuring nine small boards
- Features offline multiplayer and a Player vs AI Mode
- Full-stack development with a minimal UI using shapes, improving user experience

### BLUETOOTH ROBODUINO CAR (LEAD DEV, MAY 2015)

- An Arduino based four-wheel differential car controlled from Android device via Bluetooth
- Built on top of a pre-made car chassis, Arduino was integrated with LED bulbs, motors and Bluetooth shield

### PLAY IT (LEAD DEV, SEPTEMBER 2013)

- A light-weight Android app to play music available locally on the device
- Scans through device to find all available music and supports most audio formats
- Uses Google's voice recognition API to enable voice commands in the application
- Received over 22,000 downloads on the Google Play Store (unpublished) with a rating of 3.86/5
- Highly commended for it's beautiful UI and intuitive user experience

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## VOLUNTEER EXPERIENCE

### HEAD OF TECHNICAL OPERATIONS AND DESIGN

#### **Podar Summit 2014, Mumbai, India**

- Led a team of 10 overlooking technical aspects and graphic design including development of the website from scratch
- Expanded the event's targeted audience tenfold
- Reduced logistic issues and strengthened the event's outreach

### HEAD OF TECHNICAL OPERATIONS

#### **Aura 2014, Mumbai, India**

- Single-handedly developed the website for the event
- Increased the number of participants and budget for the event

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## EDUCATION

### BACHELORS OF SCIENCE IN COMPUTER SCIENCE

University of British Columbia, Vancouver, Canada, August 2015 -Present

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## AWARDS

### DEAN'S HONOUR LIST (MAY 2016)

- Awarded to students with a standing of 80%, faculty-wide

### BRAND AMBASSADOR OF R.N. PODAR SCHOOL (APRIL 2015)

- Awarded to students to recognize their active participation outside academics