

# Pushkin Abbott

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## Summary

Displayed Leadership by initiating different projects and taking them to the public.

## Education

### University of Waterloo

Bachelor of Computer Science  
Sept '15 - June '20 | Waterloo, ON

### Step by Step School Noida

H.S Diploma in Science  
Grad. May 2015 | Delhi, India  
GPA: 94%

## Skills

### Programming

Proficient :

Python • C++ • HTML • CSS

Familiar :

Javascript • MySQL • Photoshop •  
LaTeX • Racket

Frameworks:

Node.js • MongoDB • Angular.js •  
Express.js • Passport.js • AWS •  
Heroku • Flask • Bootstrap

## Coursework

- Data Structures and Data Management
- Foundations of Sequential Programming
- Algorithms Design & Abstraction
- Introduction to Combinatorics
- Computer Organization & Design

## Awards

University of Waterloo President's  
Scholarship of Distinction, September  
2015

Academic Excellence (Perfect 10 GPA)  
(High School) , March 2013

## Experience

### Veriday | Quality Analyst Intern

May 2016 – August 2016 | Mississauga, ON

- Independently reduced deployment time by **20%** through optimization of daily regression test cycles
- Led research for test automation and created scripts using Python and JUnit tests to implement Behaviour-Driven Development (BDD) practices

## Projects

### Senndat | Web Note-taking Platform, Launching Fall '17

- Created a shared, note-taking platform, indexed by courses.
- Integrated the Quill Editor API and saved complex deltas to the MongoDB database.
- Used the Angucomplete module on the frontend, to integrate auto-complete in the search feature.
- Developed a RESTful API with Node.js and implemented an Angular frontend, currently deployed on AWS EC2

### CookForMe | An app to get people to cook for you

- Designed and developed a web-app and companion Messenger bot to make it easy for users to request and view dishes to eat
- Used a tensorflow convulated Neural network, retrained it to identify food dishes and reject requests which are not food items.
- Technologies used: Twilio API, Angular, Flask, MongoDB and Heroku

### Black Tigers FC | Official club website

- Marketed the online presence for Black Tigers FC to reach 5000+ likes on the Facebook page & developed the official website
- Technologies used: HTML, CSS, JS, Angular, Node.js, MongoDB

### Dungeon Crawler game | C++ Project

- Developed a 5-level rogue-like game played on a dynamically generated board, derived from user-defined map layouts
- Used the Observer, Visitor, Decorator and Factory patterns, to control spawning, movement and interaction between the player and enemies

## Extra Curricular Activities

### Soccer | Captain • Vice-Captain • Player

Jan 2003 – Present | Delhi, India : Waterloo, ON

- 4 Years in National Soccer Development Program chosen among 1000+ soccer players
- 2nd in intramural Football League at the University of Waterloo

### Community Service | Co-Founder NGO • Students for Change

Mar 2014 – Sept 2015 | Delhi, India

- Organized a charity run with over 50 volunteers & 300+ participants, raising \$5,000 to promote women's safety