

# Gautham Padmakumar

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## » EMPLOYMENT

### London Hydro

May 2017 - Aug 2017

Software Developer Intern

- Created a multi-step sign up feature for London Hydro's first native Android app - Trickle
- Implemented OCR capabilities that enabled key sign up info to be extracted from image
- Created UI to present vast amounts of Monthly, Daily and Peak Pricing Usage data
- Tested and fixed bugs for all features across the app
- Created an API using Python that provides active service truck location data in JSON
- Implemented feature on web app that displayed active service trucks around the city

### Western University

Jul 2016 - Aug 2016

Content Management Intern

- Content management for www.jessicagrahn.com
- Creation, design and content management for www.molly-henry.com using Wix
- Completed various tasks for research projects in Grahn Lab, Dept. of Psychology

## » EDUCATION

### Western University

B.E.Sc. Software Engineering

GPA - 3.7/4.0 , May 2019

## » SKILLS

**PROFICIENT:** Java, JavaScript/jQuery, Android SDK, HTML/CSS, JSON/XML

**FAMILIAR:** Python, C++, Angular JS, MongoDB, Express, Node.js

**TECHNOLOGIES:** Git/GitHub, Visual Studio, Android Studio, IntelliJ IDE, AWS Lambda

## » PROJECTS

### Android App - Card Reader

Jul 2017

- Scan business cards and directly save the contact information to your Google Contacts.
- Published on the Google Play Store with 1000+ downloads and a 4.2 rating.
- Technologies used: Java, XML, Android SDK, Google Vision API, Google libphonenumber, Volley.
- Play Store: <https://play.google.com/store/apps/details?id=com.gpads.gautham.imagetotextanalysis>

### Android App - Foodify - Hack Western 4

Nov 2017

- Take a picture of an ingredient or a prepared dish and then find out how to make it.
- IBM Watson Visual Recognition API is used to identify the item in front and then integrated with Edamam Nutrition API to suggest a list of recipes.
- Technologies Used: Java, XML, Android SDK, IBM Watson Visual Recognition API, Edamam API

### Web App - Nutri.AI - Hack The North 2017

Sep 2017

- AI assistant chat bot that understands your fitness goals and provides personalised meal recommendations to meet your goals
- Technologies used: AngularJS, Node.js, Microsoft Azure Chat Bot, Natural Language Processing using Microsoft's luis.ai, Edamam API

### Personal Website

Aug 2016

- Built a personal website as I learned front-end web development using HTML, CSS, JavaScript.
- URL: <http://gpadmaku1.github.io>

## » AWARDS

Western University · **Admission Scholarship**

Aug 2015

\$10,000 scholarship awarded to students that graduated high school with a > 95% average.

Western University · **Dean's Honor List**

Jun 2017

For successful completion of 1st and 2nd year with a Yearly Weighted Average > 80%