

AKASH PATEL

CONTACT

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EDUCATION

UNIVERSITY OF WATERLOO
Bachelors of Mathematics 2020

TURNER FENTON SECONDARY SCHOOL
OSSD 2015

AWARDS

FINALIST

Wearhacks Toronto
May 2015

SUPERIOR PERFORMANCE

CNML
Mar 2015

FINALIST

Koding Global Virtual Hackathon
Dec 2014

INTERESTS

Hip Hop / Electronic Music

Soccer

Video Games

SKILLS

EXPERIENCED: HTML, CSS, JavaScript, Racket, Java

FAMILIAR: Python, Android, Arduino, PBASIC, C, LabView, Pebble.js

OTHER TECHNOLOGIES: Bootstrap, NI MySTEM, NI MyDAQ, Photoshop, Intel Edison, BoeBot, Arduino

PROJECTS

PILLOWCASE

git.io/vzCY6

Created in 36 hours at WearHacks Toronto

- Integrating the internet with a pillowcase using the Intel Edison/Arduino
- Case is used to monitor head movement and snoring which is displayed via charts on a website
- Useful data for people with sleep disorders (i.e sleep apnea) and doctors who have patients with sleep disorders

PEBBLECHANGE

git.io/vzCY1

Created in 36 hours at UofTHacks II for the theme of social benefit

- Created with Javascript and the Cloud Pebble platform
- Users are given a list of charities (ranging from local, national and international) that they can donate spare change to
- More information about the charity can be accessed through QR codes displayed on the Pebble

PYTHONGROW

git.io/vzCYX

Created in 48 Hours at Koding Global Virtual Hackathon

- Introduces programming to beginners through interactive game inspired by Snake
- Created using HTML, CSS and JavaScript
- Responsive design that scales with browser resolution
- Built and shipped on the Koding.com online development environment

POO-P

Created at the William Osler KissMyApp Hackathon

- A simple Android application that gives a stool/urine analysis to the user
- Informs user about potential health issues along with solutions and prevention of said issues
- App asks the user a series of questions to answer (colour, shape, symptoms etc.) to determine the potential problems

VOLUNTEERING

IFC FRENCH CONFERENCE

Sep 2014 to Nov 2014

Technology Executive

- Setting up and working the technical aspects of the conference
- Hardware included projectors, speakers, computers and soundboards