

Ronak Patel

Scientist — Engineer — Innovator

EXPERIENCE

SEPTEMBER 2014 APRIL 2015

Royal Bank of Canada, Toronto, Canada

Prototype Technical System Analyst

Innovation in Financial Technology: NymiAuth and NymiTran Android Applications. Payment with Wearable Technology using NymiBand, Backend in Firebase, Application on Android Platform using Java, Authentication and Wearable Tech Prototype. Development at RBC: AIFeedback Web Application. FrontEnd in Bootstrap(HTML, CSS, JavaScript), BackEnd in PHP-MySQL, Deployed on Apache HTTP Server.

JUNE 2012 MAY 2013

UGVCL, Gandhinagar, India

Developer Intern

Development of Transformer Management System for employees of UGVCL to keep track of Transformers. Agile SDLC followed. FrontEnd in HTML, CSS, JavaScript, BackEnd in PHP-MySQL, Deployed on Apache HTTP Server.

FEBRUARY 2013 MARCH 2013

Rutav Engitronic Systems, Gandhinagar, India

Freelance Developer

Development of Vehicle Tracking and Control System. Scrum Model followed. System can track and control vehicle remotely. FrontEnd in HTML, CSS, JavaScript, BackEnd in PHP-MySQL, Deployed on Apache HTTP Server.

EDUCATION

JANUARY 2014 JUNE 2016

University of Windsor, Canada

MSc. Computer Science

JULY 2009 JUNE 2013

Gujarat Technological University, India

B.E. Computer Engineering

RESEARCH

MAY 2015 JUNE 2016

University of Windsor

Search Space Representation of Near Field 3D Scenes using Microsoft Kinect

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES
Java, C#, Python, C, C++

MOBILE DEVELOPMENT
Android

WEB DEVELOPMENT
PHP, HTML, CSS, JavaScript

CLOUD & DATABASE
AWS, IBM Bluemix, MySQL, Firebase

APPLICATION SERVER
Apache HTTP Server, Apache Tomcat

DESKTOP DEVELOPMENT
.NET, Windows, WPF

HARDWARE DEVELOPMENT
Arduino, Particle Photon, Intel Edison, Mediatek LinkitOne, Tessel, Raspberry Pi

DEVICES
NymiBand, Estimote Beacons, Microsoft Kinect, Amazon Echo

PROJECTS

2014 **NymiAuth & NymiTran**
Royal Bank of Canada

2014 **AIFeedback Web Application**
Royal Bank of Canada

2013 **Vehicle Tracking and Control System**
Rutav Engitronic Systems

2012 **Transformer Management System**
Uttar Gujarat Vij Company Limited

OPEN **github.com/ronakp**
All Open Source Projects are on GitHub

LEADERSHIP

CO-FOUNDER & ADMINISTRATOR
TechTitanz Club

FOUNDER & PRESIDENT
HackUWIN Hackathon