






## BRAYAN RONALDO MOJICA BARRIOS

Desarrollador Web

### Contacto

 (+57) 311 236 6178

 ronaldomb98@gmail.com

 ronaldomb98

### Acerca de mi

La presente es mi hoja de vida, en la cual, plasmo mi perfil académico, experiencia laboral, mis referencias personales y las competencias que considero hacen de mi perfil el indicado para desempeñarme como Desarrollador FullStack.

## DATOS PERSONALES

NOMBRES	: BRAYAN RONALDO
APELLIDOS	: MOJICA BARRIOS
FECHA DE NACIMIENTO	: MAYO 12 DE 1998
LUGAR DE NACIMIENTO	: IBAGUÉ - TOLIMA
EDAD	: 19 AÑOS
CÉDULA	: 1.110.590.392 DE IBAGUÉ
ESTADO CIVIL	: SOLTERO
DIRECCIÓN DE RESIDENCIA	: SMZ 5 MZ 3 CASA 16, BARRIO TUNJOS 1
TELEFONO FIJO	: 2696764
CELULAR	: 3112366178
CORREO ELECTRÓNICO	: ronaldomb98@gmail.com
NOMBRE DEL PADRE	: EFREY MOJICA CANIZALES
NOMBRE DE LA MADRE	: DORIS NIDYA BARRIOS HERNANDEZ

## FORMACIÓN ACADÉMICA

### EDUCACIÓN BÁSICA PRIMARIA

COLEGIO	: JOSÉ JOAQUÍN FLOREZ HERNÁNDEZ
FECHA DE GRADUACIÓN	: 25 DE NOVIEMBRE DEL 2008

### EDUCACIÓN BÁSICA SECUNDARIA Y MEDIA

COLEGIO	: ESCUELA NORMAL SUPERIOR DE IBAGUÉ
TÍTULO OBTENIDO	: BACHILLER ACADÉMICO CON PROFUNDIZACIÓN EN EDUCACIÓN
FECHA DE GRADUACIÓN	: 25 DE NOVIEMBRE DEL 2008

# BRAYAN RONALDO MOJICA BARRIOS

## Education

## Desarrollador Web



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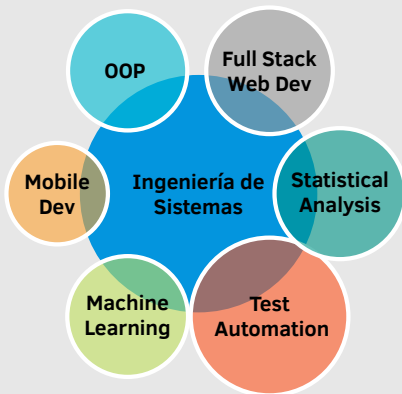
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## Skills

### Overview



### Programming

0 LOC —————> 5000 LOC

HTML5 • JS • Python

Java • SQL •  $\text{\LaTeX}$

C • C++ • R

## Projects

**DecAR** - An augmented reality interior decoration app for Android

**CIS\*6320** - An implementation of the Bicubic interpolation algorithm in C++

**CIS\*6650** - A comparative statistical study of SVM kernels, and number of hidden layers in ANN, on 5 UCI datasets

**CIS\*6660** - A data linkage project to integrate Canada's WWI casualties and 1901 Canadian census using an SVM

**CIS\*6650** - A statistical study of spurious correlations, such as correlating beer production with election outcome

## Acerca de mi

2015 - 2017 **MSc., Computer Science** (GPA: 3.7/4.0)

University of Guelph, Canada

2009 - 2013 **BEng., Computer Engineering** (GPA: 4.0/4.0)

University of Pune, India

## Research

2015 - 2017 **MSc. Candidate, Graduate Research Assistant**

University of Guelph

**Thesis:** Data Integration from Multiple Historical Sources to Study Canadian Casualties of WWI

- Proposed a scalable stepwise deterministic method to reliably integrate datasets without labeled data. The method performs comparably with a method that incorporates a Support Vector Machine
- Constructed a rich longitudinal dataset to enable comprehensive time-series analyses about WWI Canadian society and military
- Tools:** R, Python, scikit-learn, BeautifulSoup, pandas, matplotlib

## Publications

L. Antonie, H. Gadgil, G. Grewal, and K. Inwood, "Historical Data Integration - A Study of WWI Canadian Soldiers," in 2016 IEEE 16th International Conference on Data Mining Workshops (ICDMW), pp. 186-193, IEEE, 2016.

## Experience

April 2017 - **Data Engineer**

Bell

Present

- Currently involved in building a realtime data ingestion pipeline on a Kafka cluster using Spark Streaming, to detect SMS spammers on Bell's network in realtime

Sep 2015 - **Co-founder & Full Stack Developer**

LocalXChange Inc.

May 2016

- In a team of 2, raised \$8,000 in funding from The Hub incubator at the University of Guelph, to develop a prototype hyperlocal content platform, aimed at delivering local news and events from community organizations to local users in realtime (i.e., hyperlocal)
- In a team of 3, built hybrid mobile & web apps with Ionic, Angular.js and MongoDB, surpassing 1,000 users within a month since launch
- Met with city officials, including the Mayor of Guelph, and university officials to discuss marketing & business strategies for the platform

Sep 2015 - **Graduate Teaching Assistant**

University of Guelph

Dec 2016

- TA for CIS\*2430 (OOP), CIS\*4150 (Software Reliability & Testing) and CIS\*3530 (Database Systems & Concepts) courses

Dec 2013 - **Test Automation Engineer**

Synechron

Apr 2015

- Developed a *Keyword Driven* and *Behavior Driven* test automation framework for Microsoft Dynamics CRM. Wrote an efficient recursive function to search multi-level frames, reducing development time by approximately two weeks. Won SPOT award 🏆  
*My work opened up a new position in the organization, enabling it to earn additional revenue of \$3,500 per month (estimated)*
- Demonstrated by proof of concept that rewriting a test automation framework for Microsoft Dynamics AX, using an open source library (White) instead of a proprietary one (Coded UI), would enable the team to save \$4,000 annually by downgrading the prevailing edition of Microsoft Visual Studio from *Premium* to *Professional*