

DANIEL BRUZUAL

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CV
Sept 2016

EDUCATION

MSc. Service Design and Engineering, 2015—

EIT Digital Master School. Entry point: University of Trento. Exit point: Aalto University

Computer Engineering (*cum laude*), 2007—2013

Universidad Simón Bolívar, Caracas, Venezuela.

Specializations: Algorithm Design, Database System Development

Smart Energy Systems Summer School. Karlsruhe, Germany. August 2016

Virtual Reality Summer School. Almería, Spain. July 2016

WORK

Freelancer. WordPress Development. 2014-2015

EXPERIENCE

Developed custom WordPress themes and plugins for several clients across different industries

Lead Developer. TuTallerMecánico. 2013-2014

Developed a search engine of car repair garages in Venezuela, with user reviews and ratings. Also developed the corresponding Android app and the server-side API

Android Development Intern. MobileMediaNetworks. 2013 (6 months)

Developed an Android app for viewing augmented reality in print publications, and a corresponding CMS to allow editors to easily set up the augmented reality and retrieve usage analytics

Recommendation Algorithms Intern. Plista GmbH. 2012 (6 months)

Developed algorithms to provide article recommendations for the OnSiteRecommendations plugin. Also developed ways to combine different algorithms by measuring KPIs

OTHER

PROJECTS

Android Programming

ProRemote: Widget and countdown timer for controlling the GoPro Hero 4

Together app: Citizen report tool of faulty infrastructure, with augmented reality

Voz Del Pueblo: Soundboard of political audios

Web Services and APIs

Health measurement tracker and motivator, with Slack integration (bot). *Java, JAXB/Jackson, Jersey (JAX-RS), JPA, REST, SOAP*

Big Data

FP-Growth implementation for Frequent Itemset Mining in car crash data (*Apache Spark*).

Internet of Things

Matilda, the robotic plant (Arduino), WiFi Drone Defense System (*Raspberry Pi*).

AWARDS

1st Place. Hacking for South Africa (2015). University of Trento

3rd Place. Metaio – GotHeART competition (2013). Munich, Germany

SOFT SKILLS

Proactive, Team-player, Communicative, Committed, Curious, Receptive

LANGUAGES

Fluent in: English (TOEFL IBT 116/120), German (B2), Italian, Portuguese, and Spanish (native)