DANIEL BRUZUAL

CV
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danielbruzual@gmail.com
(+358) 417517558
http://github.com/djbb7
http://bruzual.me

Avaruuskatu 4 A 1,
Espoo 02210,
Finland

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 EXPERIENCE

Freelancer. WordPress Development. 2014-2015
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. Junction (2016). IoT track. Helsinki, Finland.
1st Place. Hacking for South Africa (2015). University of Trento.

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

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