David Alejandro Lilue Borrero

Software Developer • Algorithm Designer • iOS Developer

Personal Information

Place and Date of Birth:	Caracas, Venezuela | December 17th, 1992
Living:	Madrid, Spain
Phone:	+34 622 04 26 42
email:	dvdalilue@gmail.com
GitHub & Skype:	dvdalilue

Languages

Spanish:	Native
English:	Advance. 6/9 IELTS Academic Test
French:	Basic

Programming skills
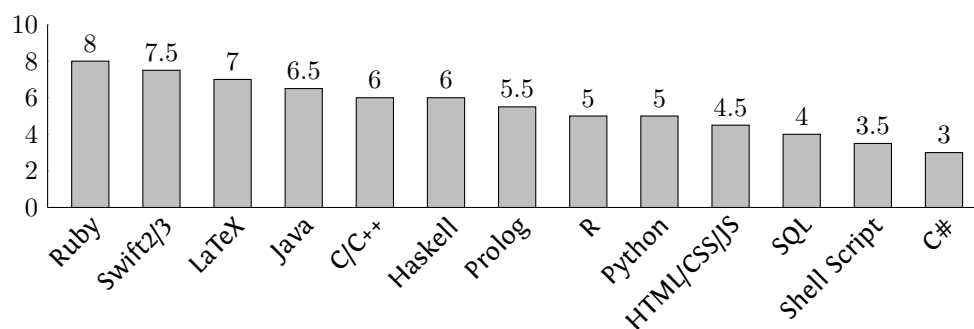
Work Experience

June 2017
(2 months)

iOS Developer at Uriji Jami Ltd., *Caracas*.

Uriji Jami is a social network with e-commerce features. Using a Node.js RESTful API along with an AWS S3 service, allowing the iOS, Android and web applications being connected. Each platform provides a user-friendly interface to share, like and comment stories and dreams with worldwide users. In association with a well-known payment service, PayPal, it is possible to purchase content and donate to dreams.

Responsibility: Maintain, improve, bug fix and implement new features in the iOS app. Design and discuss solutions with the iOS team. Having constant communication with the team leader and system administrator to deploy new features.

Tasks:

- iOS app development and maintenance
    - Bug fixing
    - Code improvements
    - New features implementation
    - App Testing

Technologies & tools: Xcode, Swift 2, CocoaPods, Git, Trello.

JANUARY 2017 (7 months)	Grad. Teaching Assistant at the Simón Bolívar University, *Sartenejas*. The Simón Bolívar University is one of the top-3 universities in Venezuela. Given the current crisis that the universities suffer in my native country, in which they're losing teaching staff and being graduated from it, I felt the need to collaborate with the institution that formed me. Teaching is an activity that I would like to do in my life, could be in a company or academic institutions.

Responsibility: Prepare talks, design exercises and evaluate students performance. Guided by a professor. The topics were focused on programming paradigms, languages, compilers and interpreters.

Tasks:

- Assistant lecturer
- Design and evaluation of exercises
- Student tutoring

Technologies & tools: Haskell, Prolog, Ruby, Java.

SEPTEMBER 2016 (10 months)	iOS Developer at Pictune, *Caracas*. Inversiones Pictatune CA is an applications developer company. It owns the application Pictune, that creates a melody according to a given image. The company is headquartered in Caracas, Venezuela. The app depends on a web service which creates the musical composition through a Haskell/Euterpea application.

Responsibility: Ensure the well functionality of the company iOS application. Discussing possible new features, identifying bugs and solutions. Analyzing and improving algorithms, also design and discuss solutions.

Tasks:

- iOS app development and maintenance
  - Swift version migration
  - Bug fixing
  - Code improvements
  - Architecture design
  - App Testing
- Service administration
  - Ensure web service availability
  - Server migration
  - Load balancer configuration

Technologies & tools: Xcode, Swift 2, Swift 3, Haskell, AWS, Nginx, Git.

EDUCATION

EXPECTED TO July 2018	Master's Degree. MASTER IN SOFTWARE AND SYSTEMS. **Technical University of Madrid (UPM)**, Madrid, Spain
NOVEMBER 2016	Engineer's Degree. COMPUTER ENGINEER. **Simón Bolívar University (USB)**, Sartenejas, Venezuela Thesis: "Design and implementation of a object oriented programming language for typesetting"	Tutor: Prof. Ricardo MONASCAL
JULY 2009	Secondary Education in SCIENCE. **Aragua Educational Institute**, Aragua, Venezula

INTERESTS AND ACTIVITIES

· Functional programming · Object-oriented programming · Validation and verification · Developer communities · Cinematography · Music · Literature · Writing · Philosophy · Gastronomy · Photography · Tennis · Traveling