MIGUEL VILÁ

miguel-vila @ github ⋄ miguelvilag@gmail.com ⋄ Mobile phone: 0744·8026·462

EDUCATION

Recurse Center   August 2016 - November 2016
New York City, United States

Self-directed, educational retreat for people who want to get better at programming

Los Andes University   January 2009 - December 2012
Bogotá, Colombia

BSc in Systems and Computing Engineering

PROFESSIONAL EXPERIENCE

Disney Streaming Services (formerly Bamtech Media)   January 2017 - Present
Software Engineer   *Manchester, United Kingdom*

· Developed scalable backend services for user authentication. This included 4 microservices written in Scala, which had separate responsibilities.
· Helped to establish an environment to do end to end tests for the project. This included approximating the real infrastructure using containers.
· Executed performance tests in those services to define sensible scaling policies.
· Helped to establish the project's infrastructure. This included scalable groups, alarms, dashboards and monitoring lambdas.

Seven4n   January 2013 - June 2016
Software Engineer   *Bogotá, Colombia*

· Developed enterprise software for insurance companies. Used a variety of technologies: Java, Scala, JavaScript amongst others.
· Worked remotely for a company in the United States developing a REST API using Scala.
· I was the technical leader of a small team of engineers. Guided technical decisions and helped members new to the tech stack or to the team become productive.

Los Andes University   August 2011 - May 2012
Teaching Assistant for Design and analysis of algorithms.   *Bogotá, Colombia*

· I evaluated student homework and exams. Gave some classes in preparation for exams.

CIACUA, Los Andes University   March 2011 - August 2011
Software Engineer   *Bogotá, Colombia*

· I worked in the software reingeneering process of an application used for the design and simulation of distributed water networks. I documented the design in UML and fixed bugs found in a version update.

OPEN SOURCE SOFTWARE CONTRIBUTIONS

· **Scalaz - Pull Request #750:** Added a new functionality that allows the nesting of a typeclass in three distinct typeclasses.

TECHNICAL SKILLS

Programming Languages
(in order of skill):   Scala, Java, Javascript.
Basic knowledge of: Python, Octave/Matlab.
Versioning Systems: Git, SVN.