MIGUEL VILÁ

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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
Software Engineer

January 2013 - June 2016

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

Software Engineer

March 2011 - August 2011

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.