

Sergio Semedi

SYSTEMS CLOUD DEVELOPER · DEVOPS ENGINEER

Mogambo 9c 1a, 28018, Madrid, Spain

☎ (+34) 627070733 | ✉ sergio.semedi@gmail.com | 📱 semedi | 🌐 semedi | 📅 28 May 1992

“Versatile software developer with sysadmin skills, enthusiastic about Computer Science and Technology so eager about software development as well. Finishing my final master’s degree project. Lover of videogames, movies, vim, reddit and gnu/linux.”

Education

Universidad Complutense de Madrid

MASTER DEGREE: INTERNET OF THINGS

Madrid, Spain

Oct. 2017 - Present

Universidad Complutense de Madrid

DEGREE: COMPUTER SCIENCE ENGINEERING

- Final degree project winner of Free Software contest

Madrid, Spain

Oct. 2012 - June. 2017

CEPAL

HIGHER EDUCATION: COMPUTER NETWORK SYSTEMS MANAGEMENT

Madrid, Spain

Oct. 2010 - June. 2012

Experience

OpenNebula Systems

CLOUD SYSTEMS ENGINEER & DEVELOPER

Madrid, Spain

Apr. 2017 - Current

- Driver developer maintainer of some main drivers such as vCenter, EC2 or Azure, bug fixing new features and designing and performing driver architecture rework
- Working with Linux Environment, administration, tooling and automation, using technologies like Jenkins, Ansible, Docker...
- In charge of vCenter onPrem environment
- Develop custom integrations between drivers and GUI using ruby and js
- Core development using c++ std11, bug fixing and features
- Developing of testing environment using Rspec
- Working with Hybrid cloud Architectures, installations, support and cloud deployments
- Consulting services: Networking, Storage, Virtualization related

Altran, I+D Aeronautics internship

SOFTWARE ENGINEER

Madrid, Spain

Oct. 2016 - Apr. 2017

- Lead Developer of Mixed Reality project about computational fluid dynamics using Unity, Csharp, Oculus DK2 and Leap Motion
- Design of software architecture, develop algorithms and final product
- In charge of development environment, using Linux, Redmine and Git
- Git manager of the project workflow

Iberica Multimedia

NETWORK TECHNICIAN

Malaga, Spain

Jul. 2013 - Aug. 2013

- Local Area Network assembly, design and support of Starlite Festival 2013

Accenture

NETWORK AND SYSTEMS TECHNICIAN SCHOLAR

Madrid, Spain

Mar. 2012 - Jul. 2012

- Based on Ciudad Financiera (Banco Santander)
- CPD maintenance
- Migrations
- Helpdesk

Skills

Programming	• Expert:	Ruby
	• Proeficient:	C++, Python, C
	• Intermediate:	Js, Java, Csharp
	• Beginner:	Go
DevOps	• Proeficient:	Linux/Unix, GIT, vCenter
	• Intermediate:	Docker, AWS, Azure ARM
	• Beginner:	Ansible, Jenkins, Maven
IoT	• Intermediate:	Spark Hadoop, MQTT, Contiki, LetMecreate(ci40)
	• Beginner:	Nodered, Arduino, Tessel
Backend	• Intermediate:	Express, Sinatra, monoddb, flask, Jax-RS
	• Beginner:	SQL
Frontend	• Beginner:	JQuery, React, Angular, Cordova
Others	• Proeficient :	Vim, SFML, Rspec
	• Intermediate:	Unity

Misc

ACTIVITIES

- Game indie developer: in my spare time i enjoy researching content about game dev, i have experience building my own 2d game engines.
- Free software lover: Im a github active user, i like to look projects of other people, read code, try to contribute and make good documentation. **My user account is semedi.**
- **Im a Instructor having experience teaching courses in countries like EEUU or Germany.**
- I have attended as booth staff in VMWORLD las Vegas and VMWorkd Barcelona.
- I used to give university talks about some useful topics: Networking and security architecture, laas or virtualization technologies.
- **I had won the award of best cloud project in a free software Contest (2017) using my FDP.**