

Curriculum Vitae

PERSONAL INFORMATION

Daniel Scheidemantel Camargo

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🌐 <http://dscar.ga>

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Sex male | Date of birth 13/01/1986 | Nationality Brazilian

JOB APPLIED FOR

Cloud Support engineer (Linux, Network and IoT)

WORK EXPERIENCE

09/2016 – until now

Cloud architect and embedded systems developer

Comigo Web Services and Projects Development Ltd, (Joinville/SC) www.reciclaomigo.com.br

- IT infrastructure development based on AWS, including:
 - Load balancing;
 - Multi-AZ architecture;
 - Security layers;
 - Databases.
- Embedded system from a reverse vending machine (RVM):
 - Vision system to identify objects;
 - Mechanical/Control system with actuators and sensors;
 - Based on IoT architecture.
- Cloud communication API between RVM and AWS;
- Website development (front-end and back-end);
- Certification in AWS Technical Essentials (São Paulo/SP Brazil in 07/2017).

Technology and Logistic sectors

03/2017 – until now

Research and teacher assistant scholarship (Master degree)

State University of Santa Catarina, (UDESC – Joinville/SC) www.cct.udesc.br

- Perform research on specific topics of the 'Distributed Systems' discipline;
- Teacher assistant in the classroom, to apply assessments and classes in his absence;
- Member of Distributed Parallel Processing Laboratory (LabP2D/UDESC);
- Deploy and management an Openstack Cloud based infrastructure for LabP2D.

Educational sector

10/2011 – 07/2016

Extension and Research scholarship (Bachelor degree)

Santa Catarina State University, (UDESC – Joinville/SC) www.cct.udesc.br

- Perform research on specific topics correlated with Colmeia Research Group at UDESC;
- Development and lectures about Open Source Software and Hardware;
- Several subprojects correlated to Teaching, Research and the University Extension bases.

Educational sector

Earlier – 2011

Summary on previous experiences

- Real estate broker at Lopes (lopes.com.br) and Brasil Brokers (brasilbrokers.com.br); and
- Sales in retail and trade sectors.

Real estate, retail and trade sectors

EDUCATION AND TRAINING

08/2016 – now
ending 06/2018

Master of Science in Applied Computing

EQF Level 6

Santa Catarina State University, (UDESC – Joinville/SC) www.cct.udesc.br

- Educational base in correlated disciplines from master degree;
- Research topics include (but no limited to):
 - Cloud computing, high-availability; energy efficiency in data centres;
 - Simulation platforms development.
- Results reports and submission of scientific articles.

02/2011 – 07/2016

Bachelor of Computer Science

Santa Catarina State University, (UDESC – Joinville/SC) www.cct.udesc.br

- Educational base in correlated disciplines from bachelor degree;
- Undergraduate dissertation in distributed and embedded systems area.

PERSONAL SKILLS

Mother tongue(s)

Brazilian portuguese

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | C1 | B2 | B1 | B1 |
| TOEFL ITP Exam (applied in 2014) | | | | | |
| Spanish | A2 | A2 | A2 | A2 | A1 |
| No certificate | | | | | |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user. Available in: [European language levels](#).

Communication skills

- Good communication skills gained through experiences with lectures at scientific events and also argumentative experiences due to sales.

Digital skills

| SELF-ASSESSMENT | | | | |
|------------------------|---------------|------------------|--------|-----------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | | | | |

Levels: Basic user - Independent user - Proficient user. Available in: [Digital competences - Self-assessment grid](#)

Other skills

- Electrical and electronic engineering: basic knowledge;
- Cloud deployment and facility management (acquired in LabP2D – UDESC);
- Driving license: AB category.

ADDITIONAL INFORMATION

Publications and Conferences

- Thirteen publications in the last three years (available in <http://dscar.ga>). Most relevant is:
 - Camargo, D.S., Miers, C.C., “**GreenHop: Open source PUE continuous monitoring for small and medium data centers**”. IEEE-CLEI 2016.
 - Camargo, D.S., Miers, C.C., Pillon MA, Koslowski, GP., “**GreenHop: Open source environmental monitoring for small and medium data centers**”. IEEE-SCCC 2016.
 - Camargo, D.S., Miers, C.C., Pillon MA, Koslowski, GP., “**MeHarCEN: A Method of Harmonizing Energy Consumption in Data Centers**”. RITA 2017.

Certifications
Volunteer

- **AWS Technical Essentials** – São Paulo/BR in 07/2017.
- **Founding member at FabLab Joinville** www.fablabjoinville.com.br (2016-2017)

Last updated 14/02/2018.