Gustavo Rocha da Silva

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EDUCATION

Faculty of Engineering of the University of Porto | Porto, Portugal | 2013 - 2018
BSc (3 years) + MSc (2 years) in Informatics and Computing Engineering
Current grade: 18/20

EXPERIENCE

Software Engineering Intern | Armis | Porto, Portugal | Jul 2017 – Aug 2017
- Worked on a map visualization module for an internal product, gaining experience with technologies such as Angular, ASP.NET and PostGIS.
- Developed a business intelligence solution for the same product using SQL Server, SSIS, SSAS and Power BI. Designed and implemented a Data Warehouse and created ETL processes for keeping multidimensional cubes up-to-date.

Teaching Assistant | Faculty of Engineering of the University of Porto | Porto, Portugal | 2016 - 2017
- Assisted the professors of the following courses, helping students by answering their questions and monitoring their progress: Programming (Feb - May 2017), Graphical Applications Laboratory (Oct - Dec 2016), Computer Graphics (Feb - Jun 2016)

PROJECTS

- Musaic – had the role of CEO in a simulated company with real clients, managing a multidisciplinary team of 40 students, as part of a course named "Project Management Laboratory" – www.musaic.ml
- Associação Cuidadores – had the role of scrum master while developing a website, forum and mobile app for a non-profit organization – github.com/gtugablue/LDSO

PRESENTATIONS

- Participation in "Semana Profissão: Engenheiro" with the projects "Racinix" (Mar 2015), "MOD X" (Mar 2016), "Lift Management" and "Project Management Optimizer" (Apr 2017).
- Participation in "University of Porto's Science, Teaching and Innovation Display" with the projects "LPOOL", "MOD X" (Mar 2016), "Lift Management" and "Project Management Optimizer" (Apr 2017).
- Lectured an eight-hour C++ workshop (Oct 2016) and a three-hour Python workshop (Feb 2017).

SKILLS

- Technical tools:
  - Databases: PostgreSQL, SQL Server, MySQL, SSIS, SSAS, PostGIS
  - Languages: C/C++, Java, HTML, PHP, CSS, JavaScript, Python
  - Frameworks: Node.JS, Angular, Android
  - Collaboration: GitHub, Travis CI, Slack, Trello
- Cambridge Certificate in Advanced English (Level C1).

EXTRACURRICULAR

- Volunteered in the Operations Team of Web Summit 2016.
- Participated in multiple programming, engineering and creativity events such as:
  - European BEST (Board of Engineering Students of Technology) Engineering Competition
  - BEST SciTech (2nd place)
  - Porto Summer of Code
  - Google HashCode (306th place – 4th best of Portugal)
- Member of NIAEFEUP (Jan 2016 – Present) – helped in events, workshops and currently responsible for a project already in use that aims to automate the process of scheduling exams in my faculty.