

# Gustavo Rocha da Silva

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## EXPERIENCE

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**Software Engineer** | Feedzai | Porto, Portugal | Aug 2018 – Present

- Helping achieve customer success, adapting the company's product to the necessities of each client.

**Software Engineering Intern** | Bosch Car Multimedia | Braga, Portugal | Feb 2018 – Jul 2018

- Worked on my master's thesis under the topic "Thermal imaging for vehicle occupant monitoring".

**Software Engineering Intern** | Armis | Porto, Portugal | Jul 2017 – Aug 2017

- Implemented a map visualization module and a business intelligence solution for a new product.

**Teaching Assistant** | Faculty of Engineering of the University of Porto | Porto, Portugal | 2016 - 2017

- Helped teaching multiple courses: Programming; Graphical Applications Laboratory; Computer Graphics.

## EDUCATION

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**Faculty of Engineering of the University of Porto** | Porto, Portugal | Sep 2013 - Jul 2018

BSc (3 years) + MSc (2 years) in Informatics and Computing Engineering

Final grade: 18 out of 20

**Facultat d'Informàtica de Barcelona** | Barcelona, Spain | Sep 2017 - Jan 2018

Erasmus+ exchange programme. Topics studied: Deep Learning; Concurrency and Parallelism; Virtual and Augmented Reality; Intelligent Data Analysis Applications in Business; Constraint Processing and Programming.

## PROJECTS

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- 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](http://www.musaic.ml)
- Associação Cuidadores – scrum master of the team behind a website and mobile app for a non-profit organization – [www.cuidadores.pt](http://www.cuidadores.pt)

## PRESENTATIONS

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- Multiple participations in "Semana Profissão: Engenheiro" and in "Mostra U.Porto" presenting my projects.
- Lectured a C++ workshop (Oct 2016), a Python workshop (Feb 2017) and a session on Security (Nov 2018).
- Presented technical details of security vulnerability CVE-2018-13342 in 0xOPOSEC meetup (Jan 2019).

## SKILLS

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- Technical tools:
  - Databases: PostgreSQL, Oracle Database, SQL Server, MySQL, SSIS, SSAS, PostGIS
  - Languages: Java, C/C++, Python, Javascript, HTML, PHP, CSS
  - Frameworks: Node.JS, Angular, Android, Keras
  - Others: Git, Travis CI, Slack, Docker, Ansible
- Cambridge Certificate in Advanced English (Level C1).
- Completed a course on Machine Learning by Stanford University on Coursera.
- Certified ScrumMaster® (Sep 2018 - Sep 2020).
- Oracle Certified Professional, Java SE 8 Programmer.

## EXTRACURRICULAR

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- Co-organized JobIT'18 and volunteered in Web Summit 2016, ENEI 2018 and Commit Porto '18.
- Competed in the EBEC Challenge, BEST SciTech (2nd place), Porto Summer of Code, Google HashCode (306th place – 4th best of Portugal) and Make or Break 2018 (winner of the "Fun" category).
- Member of NIAEFEUP (Jan 2016 – Jul 2018) – helped in events, workshops and worked in a project that aimed to automate the process of scheduling exams in my faculty.
- Security researcher as a hobby, with some of my discoveries documented in my blog – [gustavosilva.me/blog](http://gustavosilva.me/blog)