

PERSONAL INFORMATION



João Henrique Alves Pereira

📍 Rua do Bom Sucesso, 319 – R/c Esq, 4150-150 – Porto - Portugal

☎ +351 916 389 715

✉ jpereira431@gmail.com

🌐 <https://www.linkedin.com/profile/view?id=288133913>

💬 Skype joao.pereira799

Sex Male | Date of birth 28/04/1990 | Nationality Portuguese

SUMMARY/PRESENTATION

I am a 25 year-old software engineer. I have strong skills in programming (PHP, Java, HTML) and databases (SQL) development as well as an academic background in computer science with an emphasis in data warehousing and data mining (the theme of my master thesis), both of which are Business Intelligence tasks. I am easy-going, hardworking, a strong analytical thinker and a good team player. In the long term I see myself being my own boss working as an IT/BI consultant.

PREFERRED JOB

Business Intelligence / Data Science

MOTIVATION

Professionally, working in Business Intelligence is highly motivating for me, because of from all the areas of computer science, it's the one that I feel closer to the business stakeholders and walks hand-in-hand with the strategic direction a company adopts. Also, I like the idea of extracting valuable patterns and conclusions from seemingly unrelated data. I feel like still have many things to learn in this subject, with a special emphasis in machine learning/data mining which is my true passion.

WORK EXPERIENCE

November 2014 - currently

Business Intelligence Engineer

Africa Internet Group – Kaymu

- Development of ETL processes (integration of external data sources, orchestration of ETL operations)
- Data analysis and reporting

Business or sector E-commerce

January 2014 – August 2014

Researcher

Sapo LABS – FEUP

- Data-mining & Machine Learning: TweepProfiles2 (master thesis) – real-time detection of spatio- temporal patterns in Twitter – development of a full data-mining process (from data cleansing to data visualization) to study tweets and try to cluster them analysing several dimensions with different data types (eg. geo-coordinates, text, time)

January 2012 – December 2013

Software Developer

Freelancer/Universidade do Porto

- Mobile Development: UP Mobile – A mobile app designed to give UP (Porto University) students access to several useful information related to their college life.
- Software Development: MPCol – A Windows 8 native app made for company CPC.IS, that has several features to allow it's collaborators to manage their holidays and vacancies.

EDUCATION AND TRAINING

2008-2014

Master's Degree in Informatics and Computing Engineering

Level 7

Faculdade de Engenharia da Universidade do Porto

- Programming
- Mathematics and Physics
- Software engineering and development
- Project Management
- Relational databases and data-warehousing
- Data mining and machine learning
- Web development

February 2012 – August 2012

Semester studying abroad under the Mobile exchange program

Level 7

Escola Politécnica de Pernambuco – Universidade Estadual de Pernambuco (Brasil)

- School related subjects (mentioned above)
- Developed my interpersonal skills, with people from all over the world
- Developed my Spanish

Certificate of Advanced English – Cambridge ESOL

Anglo-American Institute - Vila Real

- Reading, writing, listening, speaking and comprehension of English at an advanced level

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Advanced English					
Spanish	B2	B2	B2	B2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Video producing and editing with communication purposes which I developed when I was part of my school's team which participated in the international video competition "Food4u", with the video "Choices"
- Pitching and presentation skills acquired along the duration of my degree

Organisational / managerial skills

- Team management, conflict management and project management skills gained in the scope of the Project Management Lab (Laboratório de Gestão de Projectos, LGP) class, where I was leader of my team
- Event organization and teamwork skills acquired during my stint in JuniFEUP (FEUP's junior enterprise), from September 2010 to June 2011, during which I was part of a team that responsible for organizing entrepreneurship-related meetings and events; I was also a member of the student's association in my high school.

Job-related skills

- Programing languages:
 - Proficient in: SQL, PHP, HTML, Javascript, CSS, Java
 - Knowledge in: C#, R, C++, Ruby, Bash
- IDEs: PhpStorm 8, Visual Studio 2012/13, Eclipse, RapidMiner, Rstudio, Enterprise Architect
- DBMS: MySQL, SQLServer2012
- Version control: Git, GitHub
- Solid knowledge in business intelligence, including analysing and understanding business concepts and requirements, dimensional modelling techniques and ETL processes development, acquired during my work with the BI team at Kaymu
- Solid knowledge in data-mining concepts and techniques developed during the elaboration of my master thesis

Computer skills

- Competent in Adobe Photoshop, Dreamweaver and InDesign

ADDITIONAL INFORMATION

Other TweepProfiles2 – real-time detection of spatio-temporal patterns in Twitter (master thesis)