diogo **castro**

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PROFILE

Proficient **C#** developer.

Proactive with good teamwork skills**.**

Enthusiastic about **TDD** and **well-designed object-oriented** systems.

Engaged participant on **StackOverflow**.

EDUCATION

Master's in Informatics and Computing Engineering
Faculty of Engineering of the University of Porto, Portugal
September 2007 – February 2013

Main Topics: Software Engineering, Project Management, Agile Development, Mobile Computing, Algorithms and Data Structures, Databases, Web Development, Artificial Intelligence, Distributed Systems.

CERTIFICATES

Functional Programming Principles in Scala
Martin Odersky, École Polytechnique Fédérale de Lausanne, June 2013

Microsoft Certified Professional - Programming in C#
Microsoft, March 2014

SKILLS

Object-oriented programming · Design patterns · Agile · Concurrency Dependency injection · TDD · git · C# · WinRT · NoSQL (Couchbase) · CI/CD

EXPERIENCE

Fraunhofer
Researcher, August 2012 – March 2013.
Developed the navigation module for an Android application, using both turn-by-turn and landmark-based approaches. Developed complex heuristics to evaluate landmarks data retrieved from OpenStreetMap, and used the device's sensors (e.g., gyroscope, accelerometer) to locate and navigate the user.

NaviNet
Software Engineer, May 2013 - Present
Responsible for designing, unit testing, implementing and deploying several scalable web servers using ASP.NET Web API, ActiveMQ and Couchbase.