

PERSONAL INFORMATION



Pedro Miranda

-  Rua Pedro Soares, n19, 7800-295 Beja (Portugal)
-  (+351) 967212747
-  Pmargalha@gmail.com
-  <http://pedro-miranda-me.16mb.com/>
-  Skype pedromargalhamiranda

POSITION Engineer

EDUCATION AND TRAINING

15 Sep 2013–Present

Bachelor in Computer Science

EQF level 5

Instituto Politécnico de Beja, Beja (Portugal)

Incredibly valuable learning experience. I had a lot of opportunities during my studies and to be in IPBeja was a constant challenge.

In IPBeja I was connected to the microcontrollers group and NEXT, the Erasmus support group. Furthermore, it was in IPBeja that I developed my two Erasmus+ experiences. In Vaasa, Finland and in Burgas, Bulgaria.

The main fields of the bachelor are computer networks, database systems and development of software using object oriented programming languages.

Aug 2015–Present

Full-stack Web Development

Hong Kong Science and Technology University, Hong Kong (China)

Online specialization of Coursera Platform, developed by Hong Kong Science and Technology University.

This specialization is a group of five courses and a final project. It includes client-side development using HTML/CSS, JavaScript/JQuery, and frameworks like AngularJs and Bootstrap.

In the server side, it is developed implementations of NoSQL Databases using MongoDB, inside a Node.Js environment and RESTful API to communicate with the client-side. Furthermore, in this specialization are used the frameworks IONIC and CORDOVA for building a hybrid Mobil application.

In the final project is applied all the knowledge for creating a totally functional web and hybrid Mobil application with back-end support.

Related document(s): [2015_BOOTSTRAP_JQUERY_Coursera A4SWBFJR85M2.pdf](#) , [2015_HTML_CSS_JAVASCRIPTCoursera Z3BMRVHWAFUW.pdf](#)

4 Aug 2014–20 Dec 2014

ERASMUS+

Vaasa University, Vaasa (Finland)

Finland was my choice to have my Erasmus+ experience.

During five months I lived in this country, improving my technical and my interpersonal relationship skills.

An excellent opportunity for travel and to do great friends.

Related document(s): [2015-Certificado-Erasmus+_PedroMiranda.pdf](#)

2 Jul 2014–16 Jul 2014

ERASMUS+ Intensive Course

Burgas Free University, Burgas (Bulgaria)

Erasmus+ Intensive Course.

The course "Strategic Business Decisions in a Risky and Rapidly Changing Environment" aimed to give a professional deep knowledge about strategic decision in risky and rapidly changing environment.

Excellent intercultural experience with the participation of the follow universities:

- Burgas Free University, Bulgaria
- University of Barcelona, Spain
- Polytechnic Institute of Beja, Portugal
- University of Debrecen, Hungary
- University of Economics and Management, Prague, Czech Republic
- Trakya University, Edirne, Turkey

[Related document\(s\): 2014-Burgas-Bulgaria-Erasmus-PedroMiranda.pdf](#)

Oct 2011–May 2012

Post-graduation in Property Valuation

FUNDEC, Lisboa (Portugal)

This course had 190 hours of duration, in two modulus.

This course had is main focus in the different techniques of Asset Property Valuation it also gives access to CMVM([Comissão de Mercados e Valores Mobiliários](#) (CMVM).

My final work was to valuate a Health Center for Continuous Care located in Serpa.

I developed my capacity of analyses of civil engineer projects and the associated costs.

Besides, I developed my sensibility for the importance of this structures for the improvement of an equal society.

[Related document\(s\): 2012-fundec-certificado-PedroMiranda.pdf](#)

Sep 2004–Jul 2013

Integrated Master Degree in Civil Engineering

EQF level 5

Instituto Superior Técnico, Lisboa (Portugal)

This degree was a great base, it is the structure of my way of thinking. It was a main part of my academic and personal life.

With a strong mathematical and physics component, the master degree in civil engineering allowed me to analyze and solve problems with different perspectives.

The degree has is main components in the development of applied engineering. The main fields of this degree are Hydraulics, Transport and Communication systems, Geotechnics, Structures and Construction.

[Related document\(s\): 2012-Creditos-Mestrado-EngenhariaCivil-PedroMiranda.pdf , 2012-Diploma-Licenciatura-EngenhariaCivil-PedroMiranda.pdf](#)

Nov 2012

Programa Athens

Universidade de Tecnologia e Economia de Budapeste, Hungria, Budapeste (Hungary)

BME4:"Danube Bridges in Budapest" - Programa Athens.

Course about bridges and its importance for the cities.

[Related document\(s\): 2012-Athens Program-withDescription.pdf](#)

WORK EXPERIENCE

1 Jan 2012–30 Jul 2012

Civil engineering technician

Cseia - Consultoria e Serviços de Engenharia, Imobiliário e Arquitectura Lda., Beja (Portugal)

Support in Asset Property Valuation and in Informatic

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Certificate - General English C1				
German	A1	A1	A1	A1	A1
	Certificate - General German - A1				
Finnish	A1	A1	A1	A1	A1
	Finnish Erasmus+ Course				
Spanish	B1	B1	B1	B1	B1
	Related document(s): 2015-Certificado-Erasmus+_PedroMiranda.pdf				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Volunteer since 2013 in NEXT group.
 - NEXT group gives support to international students that choose Instituto Politécnico de Beja as incoming university.
- Volunteer in Senior University since September of 2015.
 - In Senior University I teach the course Introduction of Information Technologies in Windows Environment.

Organisational / managerial skills

- Represented the first year students in the technical and scientific council of Computer Science in Instituto Politécnico de Beja(2013/2014).
- Participation in the beginning of the embedded systems group in Instituto Politécnico de Beja(2013/2014)
- Support in the organization of the Computer Science Day in Instituto Politécnico de Beja (2013/2014)

Related document(s): 2014_DiaInformatica_Organização_PedroMiranda_comDescrição.pdf , 2014-Intro_MicroControllers_PedroMiranda.jpg

Job-related skills

- JAVA, C#, C
- Web - HTML5, CSS3, Framework Bootstrap, Javascript, Framework JQuery
- Web-Cliente-Side - Basic knowledge of PHP and NodeJs
- Mobile - Android(Java)
- SQL (Microsoft SQL Manager, MySQL)

Use of operating systems:

- Perfect knowledge of the Windows and Office environments.
- Basic knowledge of Linux

Version control:

- Perfect knowledge of GIT and GitHub technologies
- Perfect knowledge of Dropbox

Digital competence

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Driving licence B1, B

ADDITIONAL INFORMATION

Certifications Find all my certificates in my GitHub personal account, follow this link:
<https://github.com/PedroMargalha/CERTIFICATES>

ANNEXES

- 2015_BOOTSTRAP_JQUERY_Coursera A4SWBFJR85M2.pdf
- 2015-HTML_CSS_JAVASCRIPTCoursera Z3BMRVHWAFUW.pdf
- 2015-Certificado-Erasmus+_PedroMiranda.pdf
- 2014-Burgas-Bulgaria-Erasmus-PedroMiranda.pdf
- 2012-fundec-certificado-PedroMiranda.pdf
- 2012-Creditos-Mestrado-EngenhariaCivil-PedroMiranda.pdf
- 2012-Diploma-Licenciatura-EngenhariaCivil-PedroMiranda.pdf
- 2012-Athens Program-withDescription.pdf
- 2013-Inglês-C1-PedroMiranda.jpg
- 2015-Certificado-Erasmus+_PedroMiranda.pdf
- 2014-Alemão-A1-PedroMiranda.jpg
- 2014_DiaInformatica_Organização_PedroMiranda_comDescrição.pdf
- 2014-Intro_MicroControllers_PedroMiranda.jpg

2015_BOOTSTRAP_JQUERY_Coursera A4SWBFJR85M2.pdf



2015-HTML_CSS_JAVASCRIPTCoursera Z3BMRVHWAFUW.pdf



2015-Certificado-Erasmus+_PedroMiranda.pdf

UNIVERSITY OF VAASA
Academic Affairs' Office
P.O.Box 700 (Wolffintie 34)
FIN-65101 VAASA FINLAND

TRANSCRIPT OF UNIVERSITY
RECORDS

1 (1)

16.04.2015

Margalha Miranda Pedro Miguel
Ahventie 29-31 c-1

102690
Completed Courses

- 16.04.2015

PRIMARY STUDY RIGHT

Studies attended from 01.08.2014
Valid from 01.08.2014 - 28.02.2015

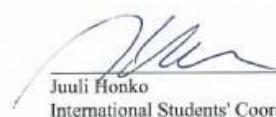
COMPLETED COURSES

Course		ECTS Credits	Grade	Date	Examiner
TITE2040	Object Modelling	5.00	2	18.02.2015	Hannu Niinimäki
TLTE3120	Computer Simulation in Communication and Systems	5.00	5	30.01.2015	Timo Mantere
TUTA3080	Operations Strategy	5.00	4	31.12.2014	Yang Liu
TLTE2100	Computer Architectures	5.00	4	10.12.2014	Tobias Glocker
TLTE2110	C and C++ Programming	5.00	4	22.10.2014	Tobias Glocker
TLTE3010	Digital Communication	5.00	3	20.10.2014	Timo Mantere
KSUO5111	Finnish for Foreigners 1	5.00	2	21.08.2014	Johanna Dahlin

Number of Courses 7

ECTS Credits 35.00

CERTIFIED BY



Juuli Honko
International Students' Coordinator



Grading Scale: 1-5, hyv.=passed, no grading Scale

- 1 = Sufficient
- 2 = Satisfactory
- 3 = Good
- 4 = Very good
- 5 = Excellent

2014-Burgas-Bulgaria-Erasmus-PedroMiranda.pdf



Els continguts i competències que es volen desenvolupar son les següents:**Description of the Intensive Program**

The IP **aims to** prepare professionals with in-depth knowledge, methodological and prognostic capabilities of strategic decision making in a risky and rapidly changing environment. The **specific objectives** comprise:

- to extend and update the theoretical knowledge acquired in the area of strategic management, entrepreneurship and risk management;
- to deepen the competence related to the specific nature of the decision making process in the contemporary business organization;
- to enhance communication skills necessary to work in multinational teams and environment;
- to facilitate the adaptation of the students to the common European labor market by strengthening the link between higher education and the real economy's needs.

The **target group** consists of 40 students as well as 9 lecturers from the partner academic institutions.

Direct beneficiaries are the students from six European universities (countries) following bachelor or master programs in business and economic studies, engineering studies or computer science having expressed strong interest in entrepreneurship and management. These are also the academic staff members who conduct the teaching process and exchange innovative ideas.

Non-direct beneficiaries include: all current and future students in academic programs related to the IP's topic; teachers in corresponding scientific areas; professionals, experts as well as researchers of different aspects of management and entrepreneurship.

The **scope** of the main activities comprises: tutoring in subjects connected with strategic management and decision making under risk; meeting practitioners; project development, presentation and discussion of successful practices in a lecture-discussion format; problem solving activities in international teams.

Taking into consideration its clearly expressed cross-disciplinary nature, the program facilitates the development of both knowledge and competencies designed to improve the flexibility and the adaptability of the future young professionals and entrepreneurs to the requirements of the European economies. It will extend some **general skills** such as: to communicate effectively, to take adequate decisions under uncertainty, to use computer systems for the purposes of information processing, to adjust the theoretical knowledge acquired during the educational process to the specific needs and features of the real business, mathematical competencies. The program is also designed to build **specific skills** concerning the strategic management and entrepreneurship in a risky environment, the application of both mathematical methods and management information systems in business.

Upon the successful completion of the program the students are **expected to be able** to apply contemporary models, forms and methods for scientific predictions; to work out strategies, programs and business plans at firm, regional or national levels; to use ICT in the managerial process as well as to collaborate effectively in a international working environment.

Altres atractius del curs:

Aquest curs incorpora excursions gratuïtes a Nessebar i Sunny Beach.
Bourgas és la quarta població de Bulgària. Està situada a la costa del Mar Negre. És un important centre turístic i industrial. Podeu trobar més informació a els links:

Sozopol: <http://bulgariatravel.org/en/object/259/sozopol>

Nessebar: <http://english.nesebarinfo.com/> or
http://bulgariatravel.org/en/search_result?search=1&sText=nessebar

Bourgas: <http://www.Bourgas.bg/en/index/index>

**Oportunitat de fer una estada finançada i amb reconeixement de crèdits a la
universitat de Burgas Free, Bulgària
Del 2 al 16 de juliol de 2014**

La Burgas Free University, mitjançant un programa de la Unió Europea us finança fins a 1.000 euros*, una estada de quinze dies per du a terme un curs intensiu sobre “Strategic Business Decisions in a Risky and Rapidly Changing Environment”

La superació d'aquesta activitat, suposa el reconeixement de 6 ECTS.

El programa acadèmic, que es realitza en anglès, és el següent :

Day	Activity
2. 07. 2014	Arrival and Accommodation
3. 07. 2014 8.30 – 15.30	Topic: External and Internal Risks for the Company Prof. Maria Adelaide Tareco
4. 07. 2014 8.30 – 15.30	Topic: Risk assessment and management Ing. Miroslav Špaček, Ph.D
5. 07. 2014 8.30 – 15.30 6. 07. 2014 8.30 – 15.30	Topic: Strategic Planning under Uncertainty Prof. Dr. József Gáll
7. 07. 2014 8.30-15.30 8. 07. 2014 8.30 – 11.30	Topic: Strategic Management Prof. Carlos Grau Alguero (professor UB)
8. 07. 2014 11.30 – 15.30 9. 07. 2014 8.30 – 15.30	Topic: Strategic Marketing Planning Prof. Esther Subira Lobera (professor UB)
10. 07. 2014 8.30 – 15.30 11. 07. 2014 8.30 – 11.30	Topic: Quantitative and Qualitative Methods for Business Environment Forecasting Prof. Engin Demirel
11. 07. 2014 11.30 – 15.30 12. 07. 2014 8.30 – 15.30	Topic: Strategic Behavior and Game Theory Prof. Evgenia Nikolova Prof. Mariya Neycheva
13. 07. 2014 8.30 – 15.30	Topic: Management Software for Business Decisions Prof. Mariya Neycheva, Prof. Galina Kurteva
14. 07. 2014 8.30 – 14.30	Topic: Application of the Management Software in the Real Business Environment Prof. Mariya Neycheva, Prof. Galina Kurteva
16.00 – 17.30	Topic: Evaluation of Students' Knowledge and Skills: Moodle test
15. 07. 2014 8.30 – 12.30	Topic: Evaluation of Students' Competences Course work: Presentation and Evaluation
14.00 – 16.00	Final Evaluation of the IP. Closing Ceremony
16. 07. 2014	Departure

2012-fundec-certificado-PedroMiranda.pdf

INSTITUTO
SUPERIOR
TÉCNICO**DECivil**Departamento de Engenharia Civil
e Arquitectura**FUNDEC**Associação para a Formação e o
Desenvolvimento em Engenharia Civil
e Arquitectura

CERTIFICADO DE FORMAÇÃO PROFISSIONAL

(Dec. Reg. n.º 35/2002)

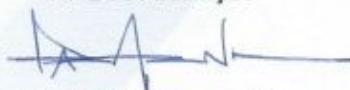
Certifica-se que **Pedro Miguel Margalha Miranda**, natural de Beja, nascido a 30/07/1986, nacionalidade Portuguesa, sexo masculino, portador do documento de identificação Cartão de Cidadão n.º 13041059, após frequência e prestação de provas, obteve o resultado **Aprovado** no Curso de Formação Profissional:

**AVALIAÇÕES DE BENS IMOBILIÁRIOS:
PRINCÍPIOS, ORGANIZAÇÃO E APLICAÇÕES**

que decorreu de 4 de Novembro de 2011 a 12 de Maio de 2012, com a duração total de 190 horas.

Lisboa, 13 de Outubro de 2012

A Coordenação



Prof. J. M. Gaspar Nero

O Responsável pela Entidade Formadora


Associação para a Formação e o Desenvolvimento em Engenharia Civil e Arquitectura

Prof. Luís Calado

Certificado N.º 25/2012

FUNDEC - Associação para a Formação e o
Desenvolvimento em Engenharia Civil e Arquitectura
Sede: IST – DECivil, Av. Rovisco Pais, 1049-001 Lisboa
Contribuinte N.º 508 122 996

ÁREA DE FORMAÇÃO: 529 – Engenharia e técnicas a fins.

COMPETÊNCIAS ADQUIRIDAS: Funções na área das avaliações de engenharia.

PLANO CURRICULAR	HORAS
Módulo I	
Objectivos do curso e das Avaliações.	6h00
Modo de apresentação de Relatórios de Avaliação.	
O Objecto da Avaliação e sua Compreensão.	27h00
Conceitos básicos associados à Avaliação do Património.	3h00
Técnicas disponíveis para a Avaliação do Património.	6h00
Técnicas de <i>Discounted cash-flow</i> .	3h00
Princípios básicos de estatística.	6h00
Introdução aos Modelos de Regressão Linear.	6h00
Inferência e Regressão Estatísticas.	9h00
Principais Estatísticas da Regressão Linear.	6h00
Análise Factorial.	4h00
Análise de risco.	4h00
Pesquisa de mercado e trabalho associado.	12h00
Exame.	3h00
Módulo II	
Enquadramento Legislativo.	12h00
Normas diversas associadas às Avaliações e Códigos de Ética.	6h00
Desenvolvimento e aplicação dos Métodos disponíveis para Avaliação do Património e sua aplicação.	30h00
Áreas Específicas de actuação no campo das Avaliações.	14h00
Trabalho intercalar	3h00
Trabalho final e apresentação oral.	30h00

2012-Creditos-Mestrado-EngenhariaCivil-PedroMiranda.pdf



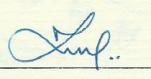
INSTITUTO
SUPERIOR
TÉCNICO

Miranda

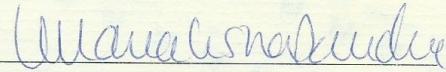
**Núcleo de
Graduação**

This document CERTIFIES that the Student PEDRO MIGUEL MARGALHA MIRANDA, with Identity Card Nr. 13041059, and nationality PORTUGUESE , in the degree of INTEGRATED MASTER DEGREE (MSC) in CIVIL ENGINEERING, has successfully completed the following courses:

Courses	ECTS Credits	IST Grade*	ECTS Grade	Execution Year
TRANSPORT	6.0	12	C	2006/2007
STRENGTH OF MATERIALS II	6.0	11	D	2006/2007
ANALYSIS OF GEOTECHNICAL STRUCTURES	6.0	13	C	2007/2008
CONCRETE STRUCTURES I	6.0	12	C	2007/2008
BUILDINGS CONSTRUCTION TECHNOLOGY	6.0	15	C	2007/2008
TRANSPORT INFRASTRUCTURES	6.0	13	D	2007/2008
SOFT-SKILL II	1.5	15	B	2007/2008
GEOTECHNICAL WORKS	4.5	11	D	2007/2008
CONSTRUCTION ORGANISATION AND MANAGEMENT	6.0	15	B	2007/2008
SANITARY ENGINEERING	6.0	17	B	2007/2008
CONSTRUCTION PLANNING AND ECONOMICS	4.5	12	C	2009/2010
BUILDING SERVICES	6.0	17	A	2009/2010
CONSTRUCTION, QUALITY, SAFETY AND ENVIRONMENT	4.5	13	C	2009/2010
CONSTRUCTION PATHOLOGY AND REHABILITATION	6.0	13	D	2009/2010
CIVIL WORKS CONSTRUCTION TECHNOLOGY	4.5	16	A	2009/2010
CONSTRUCTION MATERIALS II	6.0	15	A	2010/2011
PROPERTY VALUATION AND CONSTRUCTION MAINTENANCE	4.5	14	C	2010/2011
STRUCTURAL DESIGN	6.0	10	E	2011/2012

Student Nr 55012
 Request ID 19924/2012
 Verified by: 

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 Total 60.24 Eur Page 1 of 2

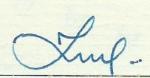


Maria Cristina de Oliveira Santos Matos David Ezra
Coordinator of the Núcleo de Graduação

Instituto Superior Técnico, in Lisboa, 25 October 2012

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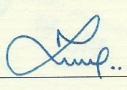
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Urgency.....	0.00 Eur
Total	60.24 Eur

Page 2 of 2

2012-Diploma-Licenciatura-EngenhariaCivil-PedroMiranda.pdf

 INSTITUTO SUPERIOR TÉCNICO Núcleo de Graduação	<i>55012</i> 																											
<p style="text-align: center;"><i>Maria Cristina de Oliveira Santos Matos David Ezra, Coordinator of the NÚCLEO DE GRADUAÇÃO of INSTITUTO SUPERIOR TÉCNICO, TECHNICAL UNIVERSITY OF LISBON</i></p> <p style="text-align: center;">CERTIFIES that,</p> <p style="text-align: center;">PEDRO MIGUEL MARGALHA MIRANDA -----</p> <p style="text-align: center;">with Identity Card Nr. 13041059 -----</p> <p style="text-align: center;">birth originally from Salvador, Beja -----</p> <p style="text-align: center;">and nationality PORTUGUESE -----</p> <p style="text-align: center;">concluded the 1st Cycle, of the degree of INTEGRATED MASTER DEGREE (MSC) in CIVIL ENGINEERING, in 17 July 2009, with the final grade of 13 (thirteen) values having received a total of 180.0 ECTS, has the right to the degree of Graduate in Engineering Sciences - Civil Engineering, having been issued the registry number 20402/ISTCL/12 with approval on the following curricular units:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">LINEAR ALGEBRA -----</td> <td style="width: 20%;">6.0 ECTS, with 10(ten)</td> <td style="width: 20%;">values</td> </tr> <tr> <td>MATHEMATICAL ANALYSIS I -----</td> <td>6.0 ECTS, with 11(eleven)</td> <td>values</td> </tr> <tr> <td>CIVIL ENGINEERING AND ENVIRONMENT -----</td> <td></td> <td></td> </tr> <tr> <td>-----</td> <td>1.5 ECTS, with 17(seventeen)</td> <td>values</td> </tr> <tr> <td>PROGRAMMING AND DATA BASES -</td> <td>4.0 ECTS, with 13(thirteen)</td> <td>values</td> </tr> <tr> <td>GENERAL CHEMISTRY -----</td> <td>6.0 ECTS, with 15(fifteen)</td> <td>values</td> </tr> <tr> <td>TECHNICAL DRAWING II -----</td> <td>6.0 ECTS, with 14(fourteen)</td> <td>values</td> </tr> <tr> <td>PHYSICS I -----</td> <td>6.0 ECTS, with 15(fifteen)</td> <td>values</td> </tr> <tr> <td>NUMERICAL METHODS -----</td> <td>6.0 ECTS, with 11(eleven)</td> <td>values</td> </tr> </table> <p style="text-align: center;">Student Nr. 55012 Request ID 17253/2012 Verified by: </p> <p style="text-align: right;">Page 1 of 3</p>		LINEAR ALGEBRA -----	6.0 ECTS, with 10(ten)	values	MATHEMATICAL ANALYSIS I -----	6.0 ECTS, with 11(eleven)	values	CIVIL ENGINEERING AND ENVIRONMENT -----			-----	1.5 ECTS, with 17(seventeen)	values	PROGRAMMING AND DATA BASES -	4.0 ECTS, with 13(thirteen)	values	GENERAL CHEMISTRY -----	6.0 ECTS, with 15(fifteen)	values	TECHNICAL DRAWING II -----	6.0 ECTS, with 14(fourteen)	values	PHYSICS I -----	6.0 ECTS, with 15(fifteen)	values	NUMERICAL METHODS -----	6.0 ECTS, with 11(eleven)	values
LINEAR ALGEBRA -----	6.0 ECTS, with 10(ten)	values																										
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PHYSICS I -----	6.0 ECTS, with 15(fifteen)	values																										
NUMERICAL METHODS -----	6.0 ECTS, with 11(eleven)	values																										

QMA

MATHEMATICAL ANALYSIS II ---	6.0 ECTS, with 15(fifteen)	values
ARCHITECTURE -----	6.0 ECTS, with 15(fifteen)	values
TECHNICAL DRAWING I -----	5.0 ECTS, with 11(eleven)	values
DYNAMICS -----	6.0 ECTS, with 12(twelve)	values
PHYSICS II -----	6.0 ECTS, with 10(ten)	values
PROBABILITIES AND STATISTICS -----		
-----	6.0 ECTS, with 11(eleven)	values
MATHEMATICAL ANALYSIS III --	6.0 ECTS, with 14(fourteen)	values
STATICS -----	6.0 ECTS, with 13(thirteen)	values
OPERATIONAL RESEARCH -----	6.0 ECTS, with 14(fourteen)	values
CONTINUUM MECHANICS -----	6.0 ECTS, with 12(twelve)	values
MINERALOGY AND GEOLOGY -----	6.0 ECTS, with 11(eleven)	values
TOPOGRAPHY -----	6.0 ECTS, with 13(thirteen)	values
MATHEMATICAL ANALYSIS IV ---	6.0 ECTS, with 14(fourteen)	values
MANAGEMENT AND DECISION ANALYSIS -----		
-----	6.0 ECTS, with 16(sixteen)	values
CONSTRUCTION MATERIALS I ---	6.0 ECTS, with 13(thirteen)	values
STRENGTH OF MATERIALS I ----	6.0 ECTS, with 12(twelve)	values
TRANSPORT -----	6.0 ECTS, with 12(twelve)	values
BUILDING STUDIES I -----	6.0 ECTS, with 13(thirteen)	values
HYDRAULICS I -----	6.0 ECTS, with 13(thirteen)	values
HYDRAULICS II -----	6.0 ECTS, with 11(eleven)	values
REGIONAL AND URBAN PLANNING -----		
-----	6.0 ECTS, with 14(fourteen)	values
STRENGTH OF MATERIALS II ---	6.0 ECTS, with 11(eleven)	values
HYDROLOGY AND WATER RESOURCES -----		
-----	6.0 ECTS, with 15(fifteen)	values
MANAGEMENT -----	4.5 ECTS, with 15(fifteen)	values
SOIL AND ROCK MECHANICS ----	6.0 ECTS, with 15(fifteen)	values
STRUCTURAL ANALYSIS I -----	6.0 ECTS, with 13(thirteen)	values

Student Nr. 55012
Request ID 17253/2012
Verified by: _____

Page 2 of 3

2012-Athens Program-withDescription.pdf

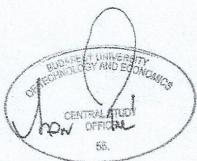
ATHENS

P R O G R A M M E

ATHENS CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE CONFIRMS THAT
Pedro Miranda
FROM
Instituto Superior Tecnico Lisboa
PARTICIPATED AS REQUIRED IN THE ATHENS SESSION OF
November 2012,
FOLLOWING THE COURSE
BME4: "Danube Bridges in Budapest"
AT
Budapest University of Technology and Economics.

SIGNED BY



LOCAL COORDINATOR OF THE ATHENS PROGRAMME
Budapest University of Technology and Economics



Budapest University of Technology and Economics
 Department of Structural Engineering

ATHENS PROGRAM

Course BME 4: Danube Bridges in Budapest

Technical program

March 17, 2014 – Monday

10.30 – 12.30	K372	Opening the Course; <i>Lecture 1</i> History of Budapest Danube bridges	Prof. L. Dunai
14.15 – 17.00	K372	<i>Lecture 2</i> Types of bridges	Dr. L. Hegedűs
17.15 – 18.00	K372	<i>Lecture 3</i> Introduction of bridge design software	Á. Zsarnóczay
18.15 – 20.00	Kmf21	<i>Practice 1</i> Application of design software	Á. Zsarnóczay

March 18, 2014 – Tuesday

09.00 – 16.00	Tour to the Danube bridges by ship
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March 19, 2014 – Wednesday

08.30 – 10.00	Kf86	<i>Lecture 4</i> Aesthetic and constructional bridge design	Prof. Gy. Farkas
10.15 – 12.00	Kf86	<i>Lecture 5</i> Pentele Danube bridge in Dunaújváros	A. Horváth
12.15 – 13.00	Kf86	<i>Lecture 6</i> Optimal bridge design	Á. Zsarnóczay
18.00 – 20.00	Kmf21	<i>Practice 2</i> Bridge design practice 1	Á. Zsarnóczay

March 20, 2014 – Thursday

08.30 – 10.00	Kf86	<i>Lecture 7</i> Megyeri Danube bridge in Budapest	Prof. L. Dunai
10.15 – 12.00	Kf86	<i>Lecture 8</i> Pedestrian imposed vibration of bridges	Dr. L. G. Vigh
18.00 – 20.00	Kmf21	<i>Practice 3</i> Bridge design practice 2	Á. Rózsás

March 21, 2014 – Friday

08.30 – 12.00	Kf86	Test	Á. Zsarnóczay
	Kf86	Presentation of bridge design	Á. Zsarnóczay
12.00 – 13.00	Kf86	Evaluation, closing	Prof. L. Dunai Prof. Gy. Farkas



CERTIFICADO CERTIFICATE

Certifica-se que **Pedro Miguel Margalha Miranda** frequentou o curso de **Inglês Geral** (60 horas de contacto, nível C1 do Quadro Europeu Comum de Referência para as Línguas), que decorreu entre 20 de Novembro de 2012 e 28 de Fevereiro de 2013, no Centro de Línguas e Culturas, tendo obtido a classificação final de 15 valores numa escala de 0 a 20.

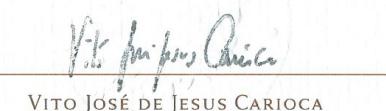
This is to certify that **Pedro Miguel Margalha Miranda** attended a **General English** course (60 contact hours, level C1 of the Common European Framework of Reference for Languages) and obtained a final grade of 15 in a scale of 0-20. The course took place between 20 November 2012 and 28 February 2013 at the Centre for Languages and Cultures.

Beja, 25 de Março de 2013
Beja, 25 March 2013


José Fernandes
Docente


Isabela
Coordenadora do CLC

O PRESIDENTE
DO INSTITUTO POLITÉCNICO DE BEJA
THE PRESIDENT OF THE POLYTECHNIC INSTITUTE OF BEJA


VITO JOSÉ DE JESUS CARIOCA

2015-Certificado-Erasmus+_PedroMiranda.pdf

UNIVERSITY OF VAASA
Academic Affairs' Office
P.O.Box 700 (Wolffintie 34)
FIN-65101 VAASA FINLAND

TRANSCRIPT OF UNIVERSITY
RECORDS

1 (1)

16.04.2015

Margalha Miranda Pedro Miguel
Ahventie 29-31 c-1

102690
Completed Courses

- 16.04.2015

PRIMARY STUDY RIGHT

Studies attended from 01.08.2014
Valid from 01.08.2014 - 28.02.2015

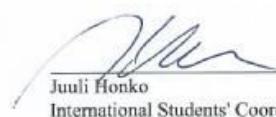
COMPLETED COURSES

Course		ECTS Credits	Grade	Date	Examiner
TITE2040	Object Modelling	5.00	2	18.02.2015	Hannu Niinimäki
TLTE3120	Computer Simulation in Communication and Systems	5.00	5	30.01.2015	Timo Mantere
TUTA3080	Operations Strategy	5.00	4	31.12.2014	Yang Liu
TLTE2100	Computer Architectures	5.00	4	10.12.2014	Tobias Glocker
TLTE2110	C and C++ Programming	5.00	4	22.10.2014	Tobias Glocker
TLTE3010	Digital Communication	5.00	3	20.10.2014	Timo Mantere
KSUO5111	Finnish for Foreigners 1	5.00	2	21.08.2014	Johanna Dahlin

Number of Courses 7

ECTS Credits 35.00

CERTIFIED BY



Juuli Honko
International Students' Coordinator



Grading Scale: 1-5, hyv.=passed, no grading Scale

- 1 = Sufficient
- 2 = Satisfactory
- 3 = Good
- 4 = Very good
- 5 = Excellent



2014-Alemão-A1-PedroMiranda.jpg



CERTIFICADO CERTIFICATE

Certifica-se que **Pedro Miguel Margalha Miranda** frequentou o curso de **Alemão** (60 horas de contacto, nível A1 do Quadro Europeu Comum de Referência para as Línguas), que decorreu entre 15 de Outubro de 2013 e 29 de Janeiro de 2014, no Centro de Línguas e Culturas, tendo obtido a classificação final de 14 valores numa escala de 0 a 20.

This is to certify that **Pedro Miguel Margalha Miranda** attended a **German course** (60 contact hours, level A1 of the Common European Framework of Reference for Languages) and obtained a final grade of 14 in a scale of 0-20. The course took place between 15 October and 29 January 2014 at the Centre for Languages and Cultures.

Beja, 6 de Fevereiro de 2014

Beja, 6 February 2014

Handwritten signature of the Docente.

Docente

Handwritten signature of the Coordenadora do CLC.

Coordenadora do CLC

O PRESIDENTE
DO INSTITUTO POLITÉCNICO DE BEJA
THE PRESIDENT OF THE POLYTECHNIC INSTITUTE OF BEJA

Handwritten signature of the President.

VITO JOSÉ DE JESUS CARIOCA

2014_DiaInformatica_Organização_PedroMiranda_comDescrição.pdf

f 



CERTIFICADO

Certifica-se que o aluno Pedro Miguel Miranda participou na organização do Dia da Informática 2014, organizado pela Comissão Técnico-Científica, do curso da licenciatura em Engenharia Informática, da Escola Superior de Tecnologia e Gestão, que foi realizado no dia 30 de Abril de 2014.

Beja, 30 de Abril de 2014

O Coordenador do Curso de Informática



Luís Carlos Bruno





INSTITUTO
POLITÉCNICO
DE BEJA ESCOLA SUPERIOR
DE
Tecnologia
e Gestão



DIA DA INFORMÁTICA 2014

30 abril de 2014 pelas 14:00h | Auditório da Escola Superior Agrária

14h00 Receção dos participantes e entrega da documentação

Sessão: "Boas Vindas"

14h25 Prof. João Paulo Trindade – Director da Escola Superior de Tecnologia e Gestão (ESTIG)

Prof. Luís Carlos Bruno – Coordenador do Curso de Engenharia Informática

Sessão: "Experiência Profissional após a licenciatura no IPBeja" - Mesa: Prof. Isabel Sofia Brito

14h30 Eng. Gonçalo Fontes – Responsável do Serviço de Informática e Inovação da Câmara Municipal da Vidigueira

14h50 Eng. Eduardo Barbosa - Lead Software Architect na empresa Rkneal

Sessão: "Projetos finais de curso" - Mesa: Prof. João Carlos Martins

15h10 Eng. Edgar Pereira - Guia Turístico Virtual

15h30 Eng. Sérgio Severino - Malware para Ocultação de Processos Migração de Threads com Recurso a DLL's

15h50 Pausa para café e visualização de posters de projectos e de estágios finais de curso

Sessão: "Empresas de desenvolvimento de soluções informáticas" - Mesa: Prof. Luís Carlos Bruno

16h10 Eng. André Gomes - Agap2 "Engineering and Consulting"

16h30 Eng. Nuno Miranda – Viateclia "The Magic of Technology"

16h50 Eng. Nuno Rebocho – Digital Works "Engineering Creativity"

Sessão: "Debate: o que espera uma empresa de TI de um recém licenciado em Engenharia Informática?"

Moderador: Prof. João Paulo Barros

17h10 Representantes das empresas presentes no evento

18h00 Encerramento da sessão

2014 | GICOM - Gabinete de Imagem e Comunicação do IPBeja



Organização
Comissão Técnico-Científica e Pedagógica da Licenciatura em Engenharia Informática

IPBeja
INSTITUTO POLITÉCNICO
DE BEJA



ESCOLA SUPERIOR DE TECNOLOGIA E GESTÃO
INSTITUTO POLITÉCNICO DE BEJA

Certificate of Completion

this certificate is awarded to

Pedro Miranda

for completing the course on

INTRODUCTION TO MICROCONTROLLERS PROGRAMMING IN C

Taught by professor Rimtautas Gaivenis (PhD) from the University of Applied Sciences - Vilniaus Kolegija - Lithuania
within the scope of the Erasmus mobility program in Computer Science

Beja, 21 May 2014



Director
João Paulo Trindade
(Professor Adjunto/Assistant Professor)

Teacher



Prof. Rimtautas Gaivenis (PhD)
(Associate Professor/Professor Associado)