

S A R A

CV

P I N T O

Engenharia Química



Sara Gabriela Leitão Pinto



17 de novembro de 1991



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Carta de condução: B1, B

Educação e Formação



2009 – 2016: LICENCIATURA EM ENGENHARIA QUÍMICA

Instituto Superior de Engenharia do Porto, Porto, Portugal

Finalista na área de Engenharia Química onde realizei além de exames por escrito, apresentações orais e trabalhos de grupo.

Principais áreas estudadas:

- Matemática
- Física
- Ciências e técnicas básicas de Química
- Ciências da Engenharia Química
- Processos Químicos
- Tecnologia Química



2002 – 2006: INSTITUTO DE INGLÊS

APAR – Associação Penafidelense De Atividades Rotárias, Penafiel, Portugal

Experiência Profissional



PORTUGAL

2011-2012: INVESTIGAÇÃO

GRAQ – Grupo de Reação e Análises Químicas, ISEP

Determinação do poder oxidante de diferentes tipos de chás e seus benefícios na saúde

Áreas estudadas:

Poder oxidante

Domínio na Química Verde

Higiene e Segurança no trabalho

Competências desenvolvidas:

Capacidade de autoaprendizagem

Sentido de responsabilidade

Trabalho em equipa



REPUBLICA CHECA

02/2016 – 07/2016: Erasmus +

University of Chemistry and Technology Prague, Czech Republic

Síntese de polímeros surfatantes e realização de testes para estabilização de nanopartículas

Áreas estudadas:

Polimerização

Nanotecnologia

Sistemas de distribuição de fármacos

Competências desenvolvidas:

Liderança e comunicação

Gestão de projetos

Adaptação e criatividade

Competências Profissional



COMPETÊNCIAS DIGITAIS

Microsoft Office ●●●●●●●●●●

Matlab ●●●●●●●●●●

AspenPlus ●●●●●●●●●●

VisualBasic ●●●●●●●●●●



COMPETÊNCIAS TÉCNICAS

Espetrofotometrias ●●●●●●●●●●

Potenciometria ●●●●●●●●●●

Voltametria ●●●●●●●●●●

Cromatografia Líquida ●●●●●●●●●●

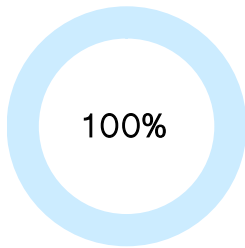
Cromatografia Gasosa ●●●●●●●●●●

LÍNGUAS:

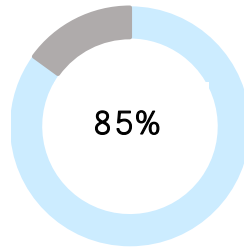


PORTUGUÊS

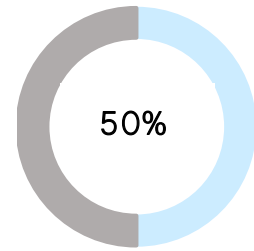
(Língua materna)



INGLÊS



ESPAÑHOL



COMPETÊNCIAS DE COMUNICAÇÃO

- Boa capacidade de comunicação adquirida em trabalhos de grupo e apresentações orais realizadas ao longo da vida académica
- Rápida e eficaz capacidade de comunicação desenvolvida, durante o período de Erasmus, através da participação em reuniões semanais realizadas com os supervisores e elementos do Bioengineering and Advanced Functional Materials Laboratory, de Universidade de Praga (VSCHT). Nestas reuniões semanais foram feitas apresentações, discussões e trocas de ideias sobre os projetos que estavam a decorrer.

INTERESSES:



VIAJAR



MÚSICA



LER



FOTOGRAFIA



FILMES

Anexo I – Carta de Recomendação do Dr. Miroslav Soos, PhD



Prague, 17th June 2016

To whom it may concern

I, the undersigned, Dr. Miroslav Šoóš, was the supervisor of Sara during her project semester from Monday 8th February to Friday 17th June 2016. The subject of the project on which Sara worked for this semester was as follows: "*Synthesis of polymeric surfactants and their testing for stabilization of nanoparticles*". In the end, she validated the 30 associated ECTS (European Credits Transfer System).

The subject mentioned above was focused on the preparation of polycaprolactone (PCL) nanoparticles loaded with a model drug (ibuprofen). Nanoparticles were prepared using emulsification method where organic solvent containing PCL and ibuprofen, was mixed with water containing emulsifying agent, polyvinyl alcohol (PVA), to form emulsion and after evaporation of solvent final nanoparticles. Sara was involved in the testing of various operating conditions on the final size of prepared particles using a dynamic light scattering as a main characterization technic to analyze size of prepared particles and polydispersity of the distribution. She showed the ability to understand the models and methods.

In Project A program at VSCHT, the student was supposed to review some literature on the selected topic such as obtain laboratory experiments related to the given theme. Sara proved to be very committed and dedicated on the subject of her project, as well as curious and encouraged for the coming months of work.

During the semester there were weekly meetings with the research groups, in which Sara was present. She showed herself interested and participatory, with great communication skills and team-working and where she showed she was able to present project activities in English, in clear, succinct and organized way. Sara had the ability to undertake responsibilities for project activities and she exhibited skills in project management. Furthermore, she acquired skills in technical domains that were new to her. Sara showed an excellent ability to integrate with the other students working with her, both professionally and personally, finding to herself an important place in the team and keeping motivation and positive energy under project pressure. It was a great pleasure working with her.

Yours sincerely,

Dr. Miroslav Šoóš, PhD

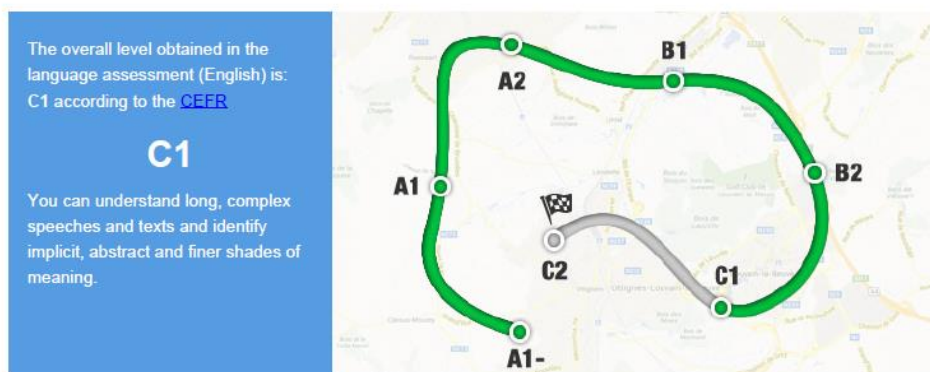
(Associate professor)

Anexo II – OLS Assessment Results

OLS Assessment Results

RESULTS OF YOUR LANGUAGE ASSESSMENT IN ENGLISH

Sara Pinto, 2016-06-15



Your detailed English language levels in the assessed language competences are :

Reading comprehension

C2

You can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialized articles and literary works.

Listening comprehension

B2

You can understand the majority of TV and radio news programmes as well as films and documentaries in standard speech. You can follow most general, clearly articulated exchanges between native speakers, even with some background interference.

Grammar

B2

You understand relatively complex grammatical structures and the relationship between ideas as indicated by high level connecting devices.

Vocabulary

B2

You understand a wide range of lexical terms and expressions, including common idioms and phrasal verbs relating to most general topics as well as your field of specialisation.

Key communicative phrases

B1

You have enough understanding of frequently used communicative phrases and language patterns to identify opinions, agreement and disagreement, regret and other such expressions in common, social and professional contexts.