



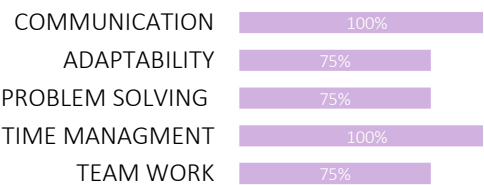
# GIULIA BLANDINI



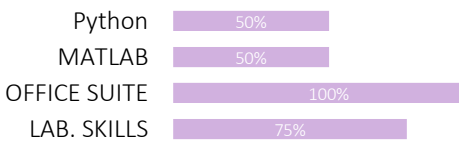
## CURIOUS ABOUT

- Climate Change Adaptation and Mitigation Strategies
- Sustainability and Energy equity
- Data analysis and programming
- Machine learning
- Social equity and inclusivity

## SOFT SKILLS



## SKILLS



## LANGUAGE SKILLS

- CAE-English certification C1
- Italian mother tongue

## ADDITIONAL INFO

- Scout AGESCI for 12 years
- Driving license B
- Available to relocate

## EDUCATION

### POLITECNICO DI TORINO

25/09/2019 - 25/03/2022

Master's Degree in Environmental and Land Engineering

**Thesis:** Detecting errors in environmental data: a machine learning data cleaning algorithm applied to snow data.

**Developed skills:** Machine Learning, Programming skills, Data processing, data statistics.

**Software used:** Python.

**Grade** 110/110

### POLITECNICO DI TORINO

23/07/2015 - 23/09/2019

Bachelor's Degree in Environmental and Land Engineering

**Thesis:** Laboratory nano-filtration of contaminated water with polymeric membranes.

**Developed skills:** nanofiltration with polymeric membrane, data collection and processing, report realization, communicate findings using models, charts, graphs.

**Software used:** OriginLab, Office suite.

**Grade** 92/110

### WROCLAW UNIVERSITY OF TECHNOLOGY

28/09/2020-31/01/2021

E+/EU PROGRAMME COUNTRIES- Winter Exchange semester

### PRE-UNIVERSITY EDUCATION

2011 - 2015

Liceo scientifico **O.M. CORBINO**

**Grade** 100/100

## WORK EXPERIENCE

### CIMA RESEARCH FOUNDATION

**Thesis internship**

16/09/2021-23/02/2022

### CIMA RESEARCH FOUNDATION

**Curricular internship**

15/03/2021-15/06/2021

Validation algorithm for meteorological data forecasting on a national scale.

**Developed skills:** Programming skills, Data processing, data statistics.

### POLITECNICO DI TORINO - DIATI

18/11/2019 - 18/02/2020

Scholarship for research activities

(Tutor professor A. TIRAFERRI)

**Topic:** Techniques of membrane filtration for contaminated water.

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**GIULIA BLANDINI**

ENVIRONMENTAL AND LAND  
ENGINEERING GRADUATE

## PAPERS

2019

F. Ricceri, M. Giagnorio, G. Farinelli, G. Blandini\*, M. Minella, D. Vione, A. Tiraferri, (2019). "Desalination of Produced Water by Membrane Distillation: Effect of the Feed Components and of a Pre-treatment by Fenton Oxidation". In Scientific Reports





**CAMBRIDGE ENGLISH**  
Language Assessment  
Part of the University of Cambridge

**Cambridge English Level 2 Certificate in  
ESOL International (Advanced)\***

This is to certify that

**GIULIA BLANDINI**

has been awarded

**Grade C**

in the

**Certificate in Advanced English**

Council of Europe Level C1

**Overall Score 187**

Reading 191

Use of English 195

Writing 173

Listening 191

Speaking 184

Date of Examination **JUNE (CAE2) 2015**

Place of Entry **SIRACUSA**

Reference Number **156IT4775001**

Accreditation Number **500/2598/3**

*Saul Nassé*

Saul Nassé  
Chief Executive

\*This level refers to the UK National Qualifications Framework

Regulated by

**Ofqual**

For more information see <http://register.ofqual.gov.uk>



Llywodraeth Cymru  
Welsh Government



Accreditation

Date of Issue 23/07/15

Certificate Number 0049402706

00552406

DP809



## CERTIFICATE IN ADVANCED ENGLISH (CAE)

CAE is a general proficiency examination at Level C1 in the Council of Europe's Common European Framework of Reference. It is at Level 2 in the UK National Qualifications Framework.

Further details of CAE are given in the CAE Handbook, and at [www.cambridgeenglish.org](http://www.cambridgeenglish.org)

CAE results are reported using scores on the Cambridge English Scale. CAE certificates are awarded to candidates who achieve the following grades:

Grade A – CEFR Level C2 (score 200-210)

Grade B – CEFR Level C1 (score 193-199)

Grade C – CEFR Level C1 (score 180-192)

Candidates who have achieved a score between 200 and 210 (Grade A) have demonstrated ability at CEFR Level C2. Candidates who have not achieved a CAE passing grade, but score between 160 and 179, receive a Cambridge English certificate stating they demonstrated ability at CEFR Level B2.

A † symbol next to the grade indicates that the candidate was exempt from satisfying the full range of assessment objectives in the examination.

The Council of Europe's Common European Framework of Reference covers six levels of language proficiency. Research carried out by the Association of Language Testers in Europe (ALTE) shows what learners can typically do at each level. The table below gives examples of typical ability in each of the skill areas for Council of Europe Levels C2, C1 and B2.

Level C2	Listening and Speaking	Reading and Writing
<b>Overall general ability</b>	CAN advise on or talk about complex or sensitive issues, understand colloquial references and deal confidently with difficult questions.	CAN understand various documents, including the finer points of complex texts, and CAN write letters and meeting notes with good expression and accuracy.
Level C1	Listening and Speaking	Reading and Writing
<b>Overall general ability</b>	CAN contribute effectively to meetings and seminars within own area of work or keep up a casual conversation with a good degree of fluency, coping with abstract expressions.	CAN read quickly enough to cope with an academic course, and CAN take reasonably accurate notes in meetings or write a piece of work which shows an ability to communicate.
<b>Social &amp; Tourist</b>	CAN pick up nuances of meaning/opinion.  CAN keep up conversations of a casual nature for an extended period of time and discuss abstract/cultural topics with a good degree of fluency and range of expression.	CAN understand complex opinions/arguments as expressed in serious newspapers.  CAN write most letters (s)he is likely to be asked to do; such errors as occur will not prevent understanding of the message.
<b>Work</b>	CAN follow discussion and argument with only occasional need for clarification, employing good compensation strategies to overcome inadequacies.  CAN deal with unpredictable questions.	CAN understand the general meaning of more complex articles without serious misunderstanding.  CAN, given enough time, write a report that communicates the desired message.
<b>Study</b>	CAN follow up questions by probing for more detail.  CAN make critical remarks/express disagreement without causing offence.	CAN scan texts for relevant information, and grasp main topic of text.  CAN write a piece of work whose message can be followed throughout.
Level B2	Listening and Speaking	Reading and Writing
<b>Overall general ability</b>	CAN follow a talk on a familiar topic.  CAN keep up a conversation on a fairly wide range of topics.	CAN scan texts for relevant information.  CAN make notes while someone is talking or write a letter including non-standard requests.

Further information and examples of the ability statements can be found at [www.alte.org](http://www.alte.org)

Any alteration to this certificate renders it invalid and use of an altered certificate could constitute a criminal offence.

Cambridge English Language Assessment provides a results verification service to help organisations and agencies quickly and securely validate candidates' Cambridge English examination results at [www.cambridgeenglish.org/verifiers](http://www.cambridgeenglish.org/verifiers)