

## EFTHALIA KARKOU

Knosou 7, Rethymno, 74100, Greece  
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### EDUCATION

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09/2015 – 10/2020	<b>National Technical University of Athens</b> – Athens, Greece Integrated Master in Chemical Engineering Concentration: Food Technology <ul style="list-style-type: none"><li>Grade: 8.12</li></ul>
Diploma thesis	Development of fruits with increased shelf-life using mild heat treatments
03/2018 – 08/2018	<b>Technische Universität Berlin</b> – Berlin, Germany Department of Process and Energy Technology Erasmus Student
09/2012 – 06/2015	<b>2<sup>nd</sup> General High School of Petroupolis</b> – Athens, Greece Apolytirion, Grade: 19.3

### PUBLICATIONS

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07/2021	<b>Chemical Engineering Transactions</b> – A Journal of AIDIC Karkou E., Oikonomopoulou V., Papadaki S., Krokida M., "Design and Optimization of Edible Coating and Osmotic Dehydration Processes for the Development of High-value Fruits and Vegetables with Extended Shelf-life", Chemical Engineering Transactions, 87 (2021), 133-138.
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### FURTHER EDUCATION

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12/2020	<b>University of Illinois Urbana-Champaign</b> – Coursera Sustainable Food Production Through Livestock Health Management, online non-credit course
12/2020	<b>Rutgers University</b> – Coursera Supply Chain Logistics, online non-credit course
11/2020	<b>University of Colorado</b> – Coursera Researcher Management and Leadership Training, online non-credit course

### WORK EXPERIENCE

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09/2015 – 09/2020	<b>Extreme café</b> – Athens, Greece Waitperson <ul style="list-style-type: none"><li>Staff trainer</li><li>Tournaments' organizer</li><li>Organizer of kids' parties</li><li>Customer service</li></ul>
10/2019	<b>YIOTIS S.A.</b> – Athens, Greece Intern, Department of Research Projects <ul style="list-style-type: none"><li>Fulfil of a report about "Repair3D" project</li><li>Laboratory assistant</li></ul>

### VOLUNTEERING EXPERIENCES

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04/2019	Athens Science Festival 2019, Science Communication – SciCo
04/2019	TEDxNTUA 2019, NTUA
03/2017 – 04/2017	Athens Science Festival 2018, Science Communication – SciCo
09/2017	Researcher's Night 2017, EKETA

### SEMINARS

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01/2021	Sustainability Webinar, NOYNOY Idea Challenge
07/2020	Repair 3D Summer Webinar 2020, Lavrion Technological and Cultural Park
05/2019	12 <sup>th</sup> National Scientific Conference of Chemical Engineering, National Technical University of Athens
02/2019	Health and Safety at the construction, function and maintenance of industry, TITAN Greece
10/2018	Pharmaceutical Athenian Congress, PharmACon

### SKILLS

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Language	Greek (Native) English (Proficient, certified) German (Intermediate, Goethe – Zertifikat B2) Spanish (Good, preparation for B2)
Technical	Microsoft Office, Comsol Multiphysics, Aspen Plus, Aspen Hysys, AutoCAD, SPSS, Gams, Arduino
Professional	Organizing, Time management, Adaptable, Critical thinking, Creativity

**INTERESTS**

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3D – printing, Recycling, Innovative packaging of products, Gymnastics, Skydiving

**PERSONAL INFORMATION**

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Date of birth: 07/06/1997, Citizenship: Greek