

# Baksiova Livia Emmanuela

## Curriculum Vitae

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<i>Residency</i>	Kavasiton 7, Thessaloniki, P.C. 55132
<i>Contact</i>	+30 697 565 4419, +30 231 401 3823
<i>Email</i>	<a href="mailto:baklivi@gmail.com">baklivi@gmail.com</a>
<i>Birth date</i>	22/08/1994
<i>Birth place</i>	Sparta, Greece
<i>Nationality</i>	Greek, Slovak

## Education

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### **Diploma in Mechanical Engineering (MEng)** (2012-2017)

*Aristotle University of Thessaloniki, Public University*

Diploma qualification: "Very Good" (8,33 out of 10)

- Main field of study: Mechanical engineering with specialization field: Design and Structures
- Diploma Thesis: "Deformation of a human femur bone determined using FE analysis."

## Experience

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### **Customer Service Engineer** (May 2018 – Present)

*Customer Service of BETA CAE Systems SA, Kato Scholari, Thessaloniki*

Responsibilities:

- Creating programs or sub-programs
- Studies of general mechanical engineering structures
- Direct cooperation with customers to solve their problems
- Visiting and educating clients, as well as taking part in studies conducted at the client's base
- Writing of manuals in electronic and printed form
- Creating promotional media to promote products
- Cooperation with clients and after consensus, collecting of proposals for the improvement of the products

### **6-month Internship** (November 2017 – April 2018)

*Customer Service of BETA CAE Systems SA, Kato Scholari, Thessaloniki*

Responsibilities:

- Handling of RETOMO for processing of CT data
- Participation in a huge reverse engineering project with deadlines and teamwork starting from a CT-scan and resulting in a crash model, solved in ABAQUS
- Handling of ANSA and META software for the pre-processing, creation of FE models and evaluation of the analysis results

- Study of LS-DYNA, ABAQUS, RADIOSS, PAM-CRASH solvers

### **3-month Internship**

(July 2016 – September 2016)

*Technical Service of Papageorgiou General Hospital of Thessaloniki*

Responsibilities:

- Assistant in daily inspection and maintenance of the HVAC system and medical gas distribution facilities
- Assistant in the annual electro-mechanical inspection and maintenance of operating rooms

## **Personal Skills**

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### *Languages*

#### **English**

C2, *Certificate of Proficiency in English, University of Michigan (2018)*

#### **Slovak**

Mother tongue

#### **Greek**

Mother tongue

## **Additional Information**

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- Exhibitor of BETA CAE Systems S.A. Greece at the ESBiomech Conference 2019, 7-10 July 2019, Vienna Austria
- Invited speaker at 8<sup>th</sup> National Congress of Biomechanics “Personalized design of sports shoes with the aid of finite elements”, 2 September 2018, Organizer: HSB, Thessaloniki Greece
- Poster Presenter at the 8<sup>th</sup> World Congress of Biomechanics “Advanced techniques for generating patient-specific, parametric Finite Element models”, 10 July 2018, Dublin Ireland
- Exhibitor of BETA CAE Systems S.A. Greece at the 8<sup>th</sup> World Congress of Biomechanics, 8-12 July 2018, Dublin Ireland

## **Personal interests**

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Volunteering at stray animal shelters