

# Dobromir Marinov

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## Personal Profile

I was selected as one of the first two apprenticeship degree students at the University of Essex. As part of my degree I work in the data science department of MSX International, one of the largest providers of retail solutions in the automotive industry. My field of interest is AI and machine learning. I am an EU citizen and I am eligible to work and study in the UK.

## Employment

### MSX International

Software Engineer (Data science department)

Colchester, United Kingdom

June 2018 – Present

- Applying AI and machine learning techniques for predictive analytics.
- Developing and maintaining microservices.
- Python, R, AWS, Docker, Nginx, Redshift, Exasol, LaTeX.

### MSX International

Software Developer

Colchester, United Kingdom

November 2016 – June 2018

- Working in a team developing web applications.
- Java EE, SpringMVC, Liferay 6/7, Oracle, Jboss.
- PL/SQL, Hibernate, Freemarker, Gradle, Selenium.

### StangaOne1

Web Development Intern

Plovdiv, Bulgaria

July 2016 – September 2016

- Developing commercial websites.
- PHP, Laravel, MySQL, HTML5, CSS3, JS, jQuery.

## Education

### University of Essex

Digital and Technology Solutions (Software Engineer) (BSc)

Colchester, United Kingdom

October 2016 – Present

**Capstone Project:** Developing algorithm for automatic hyper-parameter optimization.

#### Relevant Modules:

- Software Engineering.
- Data Structures and Algorithms.
- Evolutionary Computation and Generic Programming.
- Advanced Programming.

### Big Data and Analytics Summer School

Delegate

Colchester, United Kingdom

July 2018 – August 2018

#### Relevant Modules:

- Learning Under Different Training and Testing Distributions.
- Visual recognition and tracking in large image and video datasets.
- Introduction to the Modelling and Analysis of Complex Systems.
- Artificial Intelligence and Neural Networks in Analytics.

### High School of Mathematics

Secondary education

Plovdiv, Bulgaria

September 2011 – June 2016

- Program with extensive study of Mathematics, English and IT.
- Graduated with excellence: 5.93 out of 6.

## Certificates and Awards

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### The Degree Apprenticeship Prize

University of Essex

Colchester, United Kingdom

September 2018

- Awarded to the 2<sup>nd</sup> year apprenticeship degree student with the best overall mark.

### Big Essex Award

University of Essex

Colchester, United Kingdom

June 2018

- Awarded for extracurricular activities and volunteering.
- Successfully achieved all 3 levels: Bronze, Silver and Gold.

### General Data Protection Regulation (GDPR)

Certificate of attainment

Colchester, United Kingdom

April 2018

### Information Security

Certificate of attainment

Colchester, United Kingdom

April 2018

### K.F. Bowden Memorial Prize

University of Essex

Colchester, United Kingdom

September 2017

- Awarded to the top 4 first year students in CSEE with the best overall year mark.

### Award of Excellence

High School of Mathematics

Plovdiv, Bulgaria

June 2016

- Awarded to the students with overall performance above 5.80 out of 6.

### StangaOne1 Academy

Web Development Basics

Plovdiv, Bulgaria

January 2016 – May 2016

- PHP 5, MySQL, Git, JavaScript, jQuery, Ajax, HTML 5, CSS 3.

### IELTS

Overall Band Score: 7.5

Plovdiv, Bulgaria

October 2015

## Extracurricular Activity

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### Course Representative (2<sup>nd</sup> year)

University of Essex

Colchester, United Kingdom

October 2017– June 2018

- Representing and supporting students on the course and in the department.

### German Beginners 2

University of Essex

Colchester, United Kingdom

October 2017– April 2018

### Colchester Zoo Volunteer

University of Essex

Colchester, United Kingdom

July 2017– September 2017

### Course Representative (1<sup>st</sup> year)

University of Essex

Colchester, United Kingdom

October 2016– June 2017

- Representing and supporting students on the course and in the department.

### German Beginners 1

University of Essex

Colchester, United Kingdom

October 2016– April 2017

## **HackEssex 2017**

University of Essex

*Colchester, United Kingdom*

*April 2017*

- 24 hours hackathon.
- Eye tracking software integrated into a website.
- Selected as finalist for one of the top 3 best projects out of 20 competing.

## **Cyber Security Challenge**

University of Essex

*Colchester, United Kingdom*

*November 2016*

## **UNESCO Project for an educational game**

High School of Mathematics

*Plovdiv, Bulgaria*

*January 2015 – September 2016*

- Main programmer and designer.
- Project was made using the Unity Engine.