

# Dobromir Marinov

*Colchester, United Kingdom*

(+44) 7599-943662    mr.d.marinov@gmail.com    <https://dmarinov.com/>

## Personal profile

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I am a software engineer with 3 years of professional experience. My main programming languages are Python and Java and my research interests lie in reinforcement learning, machine vision and software engineering. I am an EU citizen and I am eligible to work and study in the UK.

## Employment

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### MSX International

*Colchester, United Kingdom*

Software Engineer (Data science department)

*June 2018 – Present*

- Building and maintaining machine learning models for predictive analytics in the automotive industry.
- Building microservices.
- Python, R, C++, AWS, Docker, Nginx, Redshift, Exasol,  $\text{\LaTeX}$ .

### MSX International

*Colchester, United Kingdom*

Software Developer

*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

*Plovdiv, Bulgaria*

Web Development Intern

*July 2016 – September 2016*

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

## Education

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### University of Essex

*Colchester, United Kingdom*

Digital and Technology Solutions (Software Engineer) (BSc)    *October 2016 – September 2019 (Expected)*

**Capstone Project:** Developing algorithm for automatic hyperparameter optimisation and neural architecture search.

**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*

- 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

*Plodiv, Bulgaria*

*September 2011 – June 2016*

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

## Awards and Certificates

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**Computer Science and Electronic Engineering Prize**

University of Essex

*Colchester, United Kingdom*

*July 2019*

- Awarded to the final year student who achieves the highest degree mark.

**Tech Industry Gold Certificate of Recognition**

Tech Partnership Degrees

*London, United Kingdom*

*June 2019*

- Nominated by the University of Essex for outstanding academic achievements and awarded by the Tech Partnership Degrees.

**General Data Protection Regulation (GDPR)**

Certificate of attainment

*Colchester, United Kingdom*

*April 2019*

**Information Security**

Certificate of attainment

*Colchester, United Kingdom*

*April 2019*

**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.

**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

*Plodiv, Bulgaria*

*June 2016*

- Awarded for overall performance above 5.80 out of 6.

**StangaOne1 Academy**

Web Development Basics

*Plodiv, Bulgaria*

*January 2016 – May 2016*

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

## Extracurricular activity

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**Course Representative (1<sup>st</sup> and 2<sup>nd</sup> year)**

University of Essex

*Colchester, United Kingdom*

*October 2016 – June 2018*

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

**German 1 and 2**

University of Essex

*Colchester, United Kingdom*

*October 2016 – April 2018*

**Colchester Zoo Volunteer**

University of Essex

*Colchester, United Kingdom*

*July 2017 – September 2017*

**HackEssex 2017**

University of Essex

*Colchester, United Kingdom*

*April 2017*

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

**UNESCO Project for an educational game**

University of Essex

*Plodiv, Bulgaria*

*January 2015 – September 2016*

- Main programmer.
- Made using Unity.