Dobromir Marinov

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Personal profile

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

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, AWS, Docker, Nginx, Redshift, Exasol, 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

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   *Colchester, United Kingdom*
Delegate   *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   *Plovdiv, Bulgaria*
Secondary education   *September 2011 – June 2016*

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

Awards and Certificates

Tech Industry Gold Certificate of Recognition   *London, United Kingdom*
Tech Partnership Degrees   *June 2019*

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

General Data Protection Regulation (GDPR)   *Colchester, United Kingdom*
Certificate of attainment   *April 2019*

Information Security   *Colchester, United Kingdom*
Certificate of attainment   *April 2019*

The Degree Apprenticeship Prize   *Colchester, United Kingdom*
University of Essex   *September 2018*

- Awarded to the 2nd year apprenticeship degree student with the best overall mark.

K.F. Bowden Memorial Prize   *Colchester, United Kingdom*
University of Essex   *September 2017*

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

Award of Excellence   *Plovdiv, Bulgaria*
High School of Mathematics   *June 2016*

- Awarded for overall performance above 5.80 out of 6.

StangaOne1 Academy   *Plovdiv, Bulgaria*
Web Development Basics   *January 2016 – May 2016*

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

Extracurricular activity

Course Representative (1st and 2nd year)   *Colchester, United Kingdom*
University of Essex   *October 2016 – June 2018*

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

German 1 and 2   *Colchester, United Kingdom*
University of Essex   *October 2016 – April 2018*

Colchester Zoo Volunteer   *Colchester, United Kingdom*
University of Essex   *July 2017 – September 2017*

HackEssex 2017   *Colchester, United Kingdom*
University of Essex   *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   *Plovdiv, Bulgaria*
University of Essex   *January 2015 – September 2016*

- Main programmer.
- Made using Unity.