

# Todor Voynikov

A student inspired by the fast development of the tech world and its future perspective and potential. Driven by my curiosity and desire to learn I would like to contribute to this industry with everything I know and everything I will be able to learn through my lifetime.

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## EDUCATION

### Computer Science University of Surrey

10/2018 - Present, *Surrey, United Kingdom*  
The university has taught me how to cooperate with colleagues in group settings and how to quickly adapt and learn to work with new languages, data structures and many concepts.

## WORK EXPERIENCE

### Software developer Ecoprogres

09/2019 - 09/2019, *Haskovo, Bulgaria* Achievements/Tasks

- Research the needs of the client and his struggles.
- Cooperate with employees in order to create a clean interface with simple yet intuitive interactions and experiences.
- Develop software that would ease the work of the accountants and the management of the money in the vault.

### Admin University of Surrey Page

06/2020 - Present, *Guildford, Surrey, United Kingdom*  
Responsibilities/Achievements

- Curating content depending on the political spectrum/wave, how it might affect, and be accepted by the masses.
- Take key decisions that affect the well-being of students and university staff.
- Be an active and responsive listener to students and staff.
- Created a board of admins that led to more unbiased filtering and quicker response time.
- Helping and guiding sub-admins.
- Created and encouraged a community-based report system.

## CAREER OBJECTIVES

Secure a challenging position in a reputable organization and be able to contribute.

Expand my expertise, knowledge, and skills.

## LANGUAGES

English  
*Full Professional Proficiency*

Russian  
*Limited Working Proficiency*

Bulgarian  
*Native or Bilingual Proficiency*

## SKILLS

Java

Python

HTML & CSS

JavaScript

C++/C#

Ruby on Rails

MySQL

PHP

R

## UNIVERSITY AND PERSONAL PROJECTS

### Geo Wide - Android application (07/2020 - 09/2020)

- Personal project
- Geographical quiz game that revolves around capitals, currencies, flags, regions, and cities. Different modes, difficulties and a grinding system have been implemented.

### Morse code decrypter and encryptor

- University project
- Work in a team and be able to handle my work and help the people that are behind or stuck with their respective tasks.
- Use Arduino hardware and manage our group's organization.

### Genetic algorithms and Neural networks

- University project
- Optimize a neural network by implementing different learning approaches and genetic algorithms.
- Compare different optimization and learning techniques.
- Implement and research Genetic Algorithms

### Practical Business Analytics – Black Friday

- University project
- Clean and analyze the data in order to recognize trends that would benefit businesses.
- Use various techniques (machine learning, regression models, random forests and decision trees) to predict customer behavior.

### AI Recognition

- University project
- Developed an AI that is able to read and recognize two different languages (English and Bulgarian).
- Able to read both handwritten and printed text.
- It also recognizes different signatures.

### Software Engineering Group Project

- University project
- A web application needed to be pitched, developed and documented from scratch by 6 students picked at random.
- A lot of cooperation and communication had to be involved in order to achieve our common goal.
- Developed a sense of the workflow of a professional project.

### Web Application

- University project
- Ruby on rails
- Spotify like music website.