

# DIMITAR GRIGOROV

## Junior Python/C++ Developer

+359 885 255 183

@dimitar.g.grigorov@gmail.com

https://github.com/Mitakaxd/

Sofia, Bulgaria



## EDUCATION

### Informatics and Mathematics

#### High School of Mathematics

2009 - 2017 Varna, Bulgaria

### Computer Science

#### Sofia University

2017 - Ongoing Sofia, Bulgaria

## NOTABLE COURSES

### Computer Science, Sofia University

- Object-Oriented Programming
- Calculus 1&2
- Linear Algebra
- Discrete Mathematics
- Design and Analysis of Algorithms
- Functional Programming
- Linux OS

### HackBulgaria Python Course

- Using Git as Version Control System
- Working with Linux
- Python Programming Language
- UnitTesting
- Relational Databases, SQL, ORMs
- Communication between applications - HTTP

## PROJECTS

### Dungeons and Pythons

HackBulgaria

https://github.com/ElenaR1/DungeonsAndPythons

Desktop Python 2D Game (developed in collaboration with a teammate)

### Inverted Index

https://github.com/Mitakaxd/SDP\_FMI/blob/master/invertedIndex.cpp

Search Engine Component in C++

An index data structure that maps content to 1 or more documents used in search engine components.

### Trie with Auto-Complete and Spellchecking

https://github.com/Mitakaxd/SDP\_FMI/blob/master/trie2.cpp

Deterministic Finite State Automata (DFSA) usually used to store dictionaries.

## STRENGTHS



Good Understanding of OOP



Data Structures and Algorithms



Functional Programming

## PROGRAMMING LANGUAGES

C++



Python3



Haskell

