

# Pavle Drobnjak

Date of birth: June 3rd, 1995

Debarska 25c, 11010 Belgrade, Republic of Serbia

Email: drobnjakpavle95@gmail.com

Phone: +381 65 580 56 85

## Education

- University of Belgrade, School of Electrical Engineering  
*Computer Engineering and Information Theory (BSc)*  
– GPA: 8.41/10  
Belgrade, Republic of Serbia  
*September 2014 - present*
- Gymnasium Požega  
*Science Major*  
Požega, Republic of Serbia  
*September 2010 - May 2014*

## Honours & Awards

- 210th in solving problems related to Data Structures on hackerearth.com (out of 25 000 qualified users)
- 298th in solving problems related to Basic Programming on hackerearth.com (out of 25 000 qualified users)

## Projects

- Multithreaded kernel for Intel 8086 CPU
  - with time sharing, supports context switching, event handling and semaphores, done using C++ and 8086 assembly language
- Web application for searching, booking and buying, intercity and suburban bus tickets
  - done using Java, PrimeFaces, MySQL and Hibernate
- Handler for X.509 certificates
  - creates, signs, exports and imports certificates, done using Java and Bouncy Castle API

## Skills

- Programming languages: C++, C, Java, Pascal
- Well versed in data structures and algorithms
- Solid knowledge of computer organization and architecture
- Experience with object-oriented design
- Other: SQL, HTML, CSS,  $\text{\LaTeX}$ , Unity

## Languages

- English: Fluent
- Serbian: Mother tongue