

# Đurađ Kurepa

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## EXPERIENCE

### University of Belgrade — *Student Teaching Assistant*

2019 - Current

My responsibilities include preparing, organizing and monitoring laboratory exercises.

## EDUCATION

### School of Electrical Engineering, University of Belgrade, Serbia — *Bachelor's degree*

2016 - Current

Computer Engineering and Science.

### Mathematical Grammar School, Belgrade — *Secondary Education*

2012 - 2016

### Secondary Music School "Dr. Vojislav Vučković", Belgrade — *Secondary Education*

2012 - 2016

## PROJECTS

### Thread Management Subsystem (C++, 8086 assembly) —

Implementation of a kernel subsystem for preemptive multithreading for Intel 8086 CPU with time sharing on a single CPU that supports context switching, event handling and implementation of semaphores.

### Slagalica (MEAN) —

Implementation of a popular TV quiz, consisting of multiple multiplayer games (Mastermind, My Number, Associations, Word Game, Combinations) played in real time. Players must register before competing.

### Smart Lock (Arduino) —

A smart lock that uses an ultrasonic sensor to detect movement and warn the owner via SMS, if it's on. The user can deactivate the alarm if he enters his password on the keypad. The password can be changed when the alarm is off.

## SKILLS

Programming languages: C, C++, Java, JavaScript, TypeScript

Personal: Eager to learn new technologies, persistent, organized, team player, communicative

## VOLUNTEERING

Belgrade State of Mind 3 - Public Relations Coordinator, 2017

JobFair17 - Public Relations Team leader, 2017

Brand New Engineers - Head Organiser, 2018

## LANGUAGES

Serbian - Native speaker

English - C2

French - Basic knowledge