Alen Murtić

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WORK EXPERIENCE

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

Teaching assistant   Oct 2016 – Nov 2016
  - Introduction to PHP/MySQL

Team projects
  - managed a team of 3 students in *Project* class
    - created a working website prototype of an Intelligent tutoring system using
    PHP, MySQL with about 100 available questions regarding discrete math
  - contributed as a member in various classes, among others:
    - database developer for restaurant Android app in project of 7 students
    - team project for managing a university (faculties, courses, employees, etc.)
    requiring database design + Windows Forms + ASP.NET MVC front-ends

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

Pursuing MSc in Computer Science   Sep 2016 – Jul 2018
  - field of study: data analysis   (expected)
  - relevant courses: *Machine Learning*, *Advanced Databases*

BSc in Computing   Sep 2013 – Jul 2016
  - thesis: *Application logic and data layer development for an e-learning system*
    - written in C# using Entity Framework and mXparser, console front-end
    - database design and implementation with 50+ parametrized questions
    - representation of knowledge, intelligent tutoring, auto-generating exams
  - relevant courses: *Databases*, *Object-oriented Programming*, *Design Patterns*,
  Artificial Intelligence, *Development of Software Applications*

TECHNICAL SKILLS

Intermediate	• **Java, C#, SQL** – used in university courses and various projects
	• **R** – completed optional course
	• **Python** – used in AI/ML university courses
	• **OOP and design patterns**
	• **Intelligent tutoring systems and e-learning**
Basic	• **PHP, Android, MongoDB, PostgreSQL, GIT, C, TeX**

OTHER SKILLS AND INTERESTS

Languages	Croatian (native), English (fluent), German (intermediate)
Personality	calm, team player, precise
Hobbies	General Secretary for FC Bayern Fan Club Croatia (*KNBM Bayern Hrvatska*)
Interests	advanced sports statistics, history, gaming