Klara Makek's resume

Projects

Mathematic in Medvedgrad   *~Zagreb, 2020.*

The site was made for the 2020 Mathematical Competition in which I participated. The page is made in Wordpress. All the designs were made according to the client's wishes and fit the mathematical formulas.

Link: Web page

Web design - banners   *~Zagreb, 2021.*

I've made hundreds of banners and pamphlets in the last couple of years. Creating a banner for the Web Designer course and the Web Programming Course was the most interesting for me because I used digital tools like Canva.

Links: "Upadni u mrežu"   Programing for web

Arduino flipper   *~Zagreb, 2019.-2021.*

The idea of this project was to use an Arduino microcontroller to create a digital toy for IRIM competition. There are two versions of pinball. The code is written in C ++ / C # aka Arduino programming language. Both pinball machines are functional. The idea was mine and I wrote the code,but I had help from my colleagues: Maria Kolak, Petra Kukić-Halužan, Dora Tomerlin and mentor: Mario Sever.

Links: Project description   GitHub simple   GitHub with sensors

Achievements

Robotics club   *~Zagreb, 2019.-ongoing*

During my time in high school, I founded a robotics club. There were four of us in the club and in total we only made 4 projects, a couple of which are listed in the "Projects". We mostly work with Arduino and 3D printers and related software. The club continues to the younger generations. Every two weeks I come and help with their projects.

Informative presentations   *~Zagreb, 2022.-ongoing*

Together with my colleague and former professor Mario Sever, I hold informative presentations for all generations. Presentations range from an introduction to HTML to advanced programming in JavaScript. I have inspired many young people to study web design and helped adults who are looking for a new career to complete their education.

Skills

HTML5   95%
CSS3   85%
PHP   75%
JavaScript   65%
C++/C#   60%
Java   60%

Softwares

Arduino
Canva/Figma
Adobe Cloud
Wordpress
Flash
Linux/UI
Widows
Git/GitHub

Languages

Croatia - Native
English - Advance