BILYAN HADZHI

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EDUCATION

Faculty of Mathematics and Informatics, Sofia University *July 2019 - Present*
Computer Science

MOOC CS50, Harvard 2017
Intro to Computer Science

FreeCodeCamp 2016
Front-end development certification

PROJECTS

- **YourSchoolBuddy**
  PHP web application, no frameworks
  The project aims to help school students organize and track their study time.
  Self-developed, architectured via the Data Mapper pattern.

- **Facebook group chat analysis**
  JavaScript web application, Express.js, MongoDB
  An analysis of my school grade's chat room activity.
  Compiled the messages into a Mongo database and used it for the application's front end.

- **Guess the Work**
  Python web application, Flask
  A game based on the bulgarian literature studied in school. Given a short excerpt, guess the work.
  Created the front end and an API, responsible for generating a random excerpt based on given authors.
  (Not finished)

- **Front end projects**
  HTML, CSS, JavaScript
  Various front-end web projects, including tic-tac-toe, a calculator, "Simon says", and others.
  Can be found at *codepen.io/Billy5500*

- **Object Oriented Programming, FMI**
  CLI-based C++ applications
  Two OOP projects, graded excellent.

TECHNICAL STRENGTHS

Programming & Skills	C, C++, Python, JavaScript, HTML, CSS
Software & Tools	Linux, VSCode, git, gdb, Valgrind, Heroku

PERSONAL TRAITS

Hard-working and eager to learn.

Friendly and fun.

Perfectionist.