

Daniel Blážík

Software Developer



blazekd.cz



mail@blazekd.cz



blazekd

SKILLS

PROGRAMMING

Proficient:

C# • C • C++

Experienced:

Javascript • Typescript
Java • CSS • HTML

Familiar:

Shell • Assembly
SQL • Python

LIBRARIES/Frameworks

Angular • SDL2
Bootstrap

TOOLS/Platforms

Git • Docker

LANGUAGE

Czech • English

OTHER

Driving license B

EDUCATION

MASTER'S DEGREE

FACULTY OF INFORMATION TECHNOLOGY,
CZECH TECHNICAL UNIVERSITY IN PRAGUE
2023 - present | Prague, Czech Republic

BACHELOR'S DEGREE

FACULTY OF INFORMATION TECHNOLOGY,
CZECH TECHNICAL UNIVERSITY IN PRAGUE
2019 - 2023 | Prague, Czech Republic

- Mostly C, C++ and math.
- Touched a lot of different IT topics - processor architecture, OOP, functional and logic programming, software desing, algorithms

HIGH SCHOOL

SOUKROMÁ STŘEDNÍ ŠKOLA VÝPOČETNÍ TECHNIKY
2015 - 2019 | Prague, Czech Republic

- Mostly C# and MSSQL.
- Websites - HTML, CSS, Bootstrap, Angular, Javascript, jQuery.
- Basic Computer networking, Linux and Windows administration, Active Directory.

PROJECTS

WEBSITE BUILDER | ANGULAR, TYPESCRIPT, JAVASCRIPT, HTML | 2021

- Simple user-friendly website builder inspired by Webnode and Squarespace.
- One of default pages from Webnode recreated for capability showcase.
- [Github link](#), [Demo link](#)

SIMPLE RISC-V PROCESSOR | VERILOG, ASSEMBLY | 2021

- Description of a processor in Verilog HDL that cab run a subset of RISC-V instruction and one custom instruction.
- Simple assembly program that runs on this processor.
- [Github link](#)

MILA COMPILER | C++ | 2022

- Compiler frontend (Lexer, Parser, Abstract syntax tree) for Pascal inspired programming language called mila.
- [Github link](#)

LAMBDA DESUGARING | RACKET | 2022

- Program that takes lambda calculus term with syntactic sugar and convert it to simple lambda calculus term without syntactic sugar.
- [Github link](#)