

Ivan Cindrić

22 Vlatka Mačeka, 10431 Sveta Nedelja

ivan.cindric95@gmail.com

+385 99 681 5248

<https://1vanc1ndr1c.github.io/>

PROJECTS

Graduation Thesis

Note Recognition Program

- Based on an input image of a sheet music, the program generates a .midi file that plays a song that was reconstructed from the starting image.
→ Python, Git
→ <https://github.com/1vanC1ndr1c/NoteRecognition>

Final BSc Thesis

Simple Processor Simulator

Feb 2019 – Jun 2019

- A simulator with a graphic interface that shows how a processor handles instructions.
→ Java, Maven, Project Lombok, Git
→ <https://github.com/1vanC1ndr1c/ProcessorSimulation>

BSc Project

Age and Gender Recognition Program

Nov 2018 – Feb 2019

- Based on an input image, the program determines the age and gender of a person.
→ Python, Git
→ <https://github.com/1vanC1ndr1c/Face-Recognition>

EDUCATION

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

- currently pursuing MSc in Computer Engineering
→ relevant courses: *Advanced Algorithms and Data Structures*, *Computers and Processes*, *Multimedia Architecture and Systems*,
Sep 2019 – May 2021 (expected)
- BSc in Computer Engineering
→ thesis: *Simple Processor Simulator*
→ relevant courses: *Computer Architecture*, *Software Design*, *Embedded Systems*, *Open Computing*, *Object Oriented Programming*, *Databases*
Sep 2014 – Jul 2019

TECHNICAL SKILLS

- | | |
|--------------|--|
| Intermediate | ◦ Java, Python, C – used at university courses and various projects |
| Basic | ◦ HTML, CSS, PHP, GIT - used at university courses and various projects |
| | ◦ Various assembly languages - used at university courses and projects |

OTHER SKILLS AND INTERESTS

- | | |
|-----------|-------------------------------------|
| Languages | Croatian (native), English (fluent) |
| Interests | Music, Movies, Electric Cars |