

Koen Putman

Education

- 2017–present **Master Computer Science and Advanced Data Analytics**, *Leiden University*.
- 2012–2017 **Bachelor Computer Science**, *Leiden University*, 7.5 avg.
Thesis: *Implementing an interface for virtual input devices into the MGSim simulator*
- 2010–2011 **Bachelor Computer Science**, *Delft University of Technology*.
- 2004–2010 **Gymnasium**, *Stedelijk Gymnasium*, Leiden.
Natuur & Techniek and Natuur & Gezondheid with economics

Experience

- 2017–present **Student assistant**, *Leiden University*.
Operating Systems and Computer Architecture. Answering student questions and correcting and grading assignments.
- 2017–present **IT intern**, *EY Utrecht*.
Working on automation projects and single webpage fully client-side tools.
- 2012–2015 **Student assisting research**, *Leiden University Medical Center*.
Assisting medical research for the Public Health and Primary Care division.
Built, maintained, and analysed databases with research data alongside various other IT tasks.

Computer skills

- Preferred languages Mainly use C/C++, Python Worked with Javascript, Java
- Video Processing with AviSynth, encoding with x264, knowledge of and experience with many codecs and containers both widely used and more obscure.
- Other Regularly use Windows and Linux, managing servers through SSH, using SVN/Git.

Interests

- CS related Computer architecture, operating systems, compilers, embedded systems.
- Video Processing to reduce or eliminate source artifacts, mainly in animated media.
Reducing video bitrate through encoding with minimal perceptible differences.

Languages

- Dutch Mother tongue
- English Fluent, written and spoken on a daily basis. *preferred language*

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