

Maxime Desmet Vanden Stock

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(Last updated May 10, 2023.)

Summary

: desmet@max1.me : github.com/croquant
: <https://max1.me> : [linkedin.com/in/mdvds](https://www.linkedin.com/in/mdvds)

- Young software developer specialized in Machine Learning and Artificial Intelligence.
- Bachelor of Science from [Oregon State University](#) (April 2023).
- Passionate with Computers, Programming, Sport Analytics and Amateur Radio.

Education

2019–2023	B.S. in Computer Science <i>Oregon State University, Corvallis, Oregon, USA</i> Focus Area: Applied Computer Science with Specialization in Artificial Intelligence.
2017–2019	Associate in Computer Science <i>Diablo Valley College, Pleasant Hill, California, USA</i> Credits in Computer Science, Mathematics and other general education for transfer to University.
2017	B.A. European Studies <i>Maastricht, The Netherlands</i> Some Credits, Not completed.
2016	WEP Exchange Program <i>Pleasant Hill, California, USA</i> English Language exchange. IELTS certificate with a score of 7.
2009–2016	C.E.S.S. <i>College du Sacré-Cœur, Ganshoren, Belgium</i> Certificate of General Secondary Education.

Languages

HUMAN	English (Academic Level), French (First Language) and Dutch (Conversational).
MACHINE	C, C++, Python, Java, Javascript/Typescript, Bash/Shell, Haskell, PHP; Web Development with HTML, CSS, NodeJS; Frameworks like Django, Flask, React; Databases (MySQL, PostreS, MongoDB); Markup languages including \LaTeX , Markdown.

Tools

Machine Learning

Mainly using **Python** and Jupyter Notebooks. Experienced with the most common Data Science libraries like NumPy, Pandas, Matplotlib; web scraping with Puppeteer and BeautifulSoup. Also familiar with TensorFlow and SkLearn. Capable of writing Neural Networks and using other machine learning algorithms.

GNU/Linux

Full time **Linux** user since 2018. Skilled at the command prompt and bash/shell scripting. I run and maintain several web servers. Familiar with Debian, Ubuntu, CentOS, Arch as well as many other Unix based systems.

Other Programs

Virtualization with Docker. Most Spreadsheet software (Excel) and the whole Microsoft Office suite. Image editing with GIMP or Photoshop.

Projects

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| 2021- | CFBmax
<i>A College Football Analytics website</i> Features a custom ranking algorithm for College Football teams, as well as an AI tool to predict the outcome of future football games and compare them to betting odds. Useful for sports betting. |
| 2021-2022 | ALeRT
<i>A Classroom Polling application. For interactive lectures. Allows more engagement between students and teachers in the classroom or online.</i> Developed in a team at Oregon State University for the Final Senior project. Owned by the Physics department at OSU. Advisor: Dr. Evan Thatcher . |
| 2019 | GifGetter
<i>A tool to convert Youtube videos to animated GIF files.</i> Features a GIF editor and a gallery. |

Hobbies

Data Science, Sport Analytics, free software, GNU/Linux, Amateur Radio.