

# Maxime Desmet Vanden Stock

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## Summary

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

- Software Engineer at [Breev](#).
- Specialized in Machine Learning and Artificial Intelligence.
- Bachelor of Science from [Oregon State University](#) (April 2023).

## Experience

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2025–PRESENT	<b>Software Engineer</b> <i>Breev, Brussels, Belgium</i> Breev: a SaaS platform that automates and streamlines administrative communication and invoicing workflows for SMEs while ensuring security and legal compliance.
2023–2024	<b>Junior Software Developer</b> <i>Easypost Belgium, Brussels, Belgium</i> Easypost Connect: a professional platform to Digitize and automate outgoing document flows easily, securely and cost-efficiently.

## Education

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2019–2023	<b>B.S. in Computer Science</b> <i>Oregon State University, Corvallis, Oregon, USA</i> Focus Area: Applied Computer Science with Specialization in Artificial Intelligence.
2017–2019	<b>Associate in Computer Science</b> <i>Diablo Valley College, Pleasant Hill, California, USA</i> Credits in Computer Science, Mathematics and other general education for transfer to University.
2016	<b>WEP Exchange Program</b> <i>Pleasant Hill, California, USA</i> English Language exchange. IELTS certificate with a score of 7.
2009–2016	<b>C.E.S.S.</b> <i>College du Sacré-Cœur, Ganshoren, Belgium</i> Certificate of General Secondary Education.

## Certifications

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2025	<b>AWS Certified Solutions Architect – Associate</b> <i>Amazon Web Services (AWS)</i> <a href="#">[Badge]</a>
2024	<b>AWS Certified Cloud Practitioner</b> <i>Amazon Web Services (AWS)</i> <a href="#">[Badge]</a>

## Languages

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HUMAN	English (Academic Level), French (Native) and Dutch (Limited Proficiency).
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

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### 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.

### Cloud Computing

Amazon Web Services suite. EC2, Lambdas, S3, SQS, DynamoDB, ...

### 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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2025-	<b>Pro Sumo Manager</b> <i>Online Sumo stable management game. Run your own sumo stable. Sign prospects, plan training, set match plans, and lead your heya to the top tier of Pro Sumo.</i>
2023-	<b>Sumoracle</b> <i>A prediction Engine for Professional Sumo Wrestling</i>
2021-	<b>CFB-Oracle</b> <i>A College Football Analytics &amp; Prediction Engine. 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.</i>
2021-2022	<b>ALeRT</b> <i>A Classroom Polling application. For interactive lectures. Allows more engagement between students and teachers in the classroom or online. Developed in a team at Oregon State University for the Final Senior project. Owned by the Physics department at OSU. Advisor: <a href="#">Dr. Evan Thatcher</a>.</i>
2019	<b>GifGetter</b> <i>A tool to convert Youtube videos to animated GIF files. Features a GIF editor and a gallery.</i>