

# Xavier Refour

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## Authors

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- **xavier refour**

•  [xrxxr](#)

# Abstract

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**CV page**



## Education

EPSI (École Professionnelle des Sciences Informatiques)

Rennes, F

Bachelor 3 DevOps work-study program

October 2020 - June 2021

Zenika/Capgemini

Rennes, F

Poei DevOps Consultant

September 2019 - December 2019

the hacking project

Paris, F

Degree in Ruby on Rails - fullstack

January 2019 - March 2019

University of Granada

Highschool diploma

Cervantes Institute

Saint-Brieuc, F

Spanish B2 certificate

## Professional experience

High Tech for Telecontrol Project

Redon, F

January 2021 - March 2021

developing web application of Telecontrol for communities

ærario.fr / Townhall of Lanvollon

Volunteer

Lanvollon, F

February 2021

web developer /DevOps Campaign website

implementation of open source Mattermost / Jitsi collaboration tools

Strada Marketing

Temporary

Saint-Brieuc, F

assisted the sales of ice-cream, non-alcoholic cocktail, Mister cocktail advertised the release of the Crev game

fruteria las torres

Seasonal employment

Granada,

each summer 2015 ·

cashier customer support shelving Inventory

docteur ordonnateur

Traineeship

Bordeaux, F

served as backup repair and installation of computer equipments customer supports and services

## Skills

### programming language:

HTML, CSS, Javascript, JQuery, Git, Ruby, Rails, Bash, Python, Postgresql IT: Terraform, Ansible, Openshi Docker, AWS/GCP

### Spoken language:

French, Spanish, English

De-Phase Project

National Winner of the EPSI workshop 2020/2021

## Basic formatting

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**Bold text**

**Semi-bold text**

Centered text

Right-aligne

*Italic text*

Combined *italics* and **bold**

~~Strikethrough~~

1. Ordered list item
2. Ordered list item
  - a. Sub-item
  - b. Sub-item
  - c. Sub-sub-item
3. Ordered list item
  - a. Sub-item

- List item
- List item
- List item

subscript: H<sub>2</sub>O is a liquid

superscript: 2<sup>10</sup> is 1024.

[unicode superscripts](#)<sup>0123456789</sup>

[unicode subscripts](#)<sub>0123456789</sub>

A long paragraph of text. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullam laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Putting each sentence on its own line has numerous benefits with regard to [editing](#) and [version control](#)

Line break without starting a new paragraph by putting two spaces at end of line.

## Document organization

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Document section headings:

# Heading 1

## Heading 2

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### Heading 3

#### Heading 4

##### Heading 5

###### Heading 6

**A heading centered on its own printed page**



Horizontal rule:

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Heading 1's are recommended to be reserved for the title of the manuscript.

Heading 2's are recommended for broad sections such as *Abstract*, *Methods*, *Conclusion*, etc.

Heading 3's and Heading 4's are recommended for sub-sections.

## Links

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Bare URL link: <https://manubot.org>

[Long link with lots of words and stuff and junk and bleep and blah and stuff and other stuff and more : yeah](#)

[Link with text](#)

[Link with hover text](#)

[Link by reference](#)

## Citations

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Citation by DOI [1].

Citation by PubMed Central ID [2].

Citation by PubMed ID [3].

Citation by Wikidata ID [4].

Citation by ISBN [5].

Citation by URL [6].

Citation by alias [7].

Multiple citations can be put inside the same set of brackets [1,5,7]. Manubot plugins provide easier, more convenient visualization of and navigation between citations [2,3,7,8].

Citation tags (i.e. aliases) can be defined in their own paragraphs using Markdown's reference link syntax.

## Referencing figures, tables, equations

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Figure 1

Figure 2

Figure 3

Figure 4

Table [1](#)

Equation [1](#)

Equation [2](#)

## Quotes and code

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Quoted text

Quoted block of text

Two roads diverged in a wood, and I—  
I took the one less traveled by,  
And that has made all the difference.

Code `in the middle` of normal text, aka `inline code`.

Code block with Python syntax highlighting:

```
from manubot.cite.doi import expand_short_doi

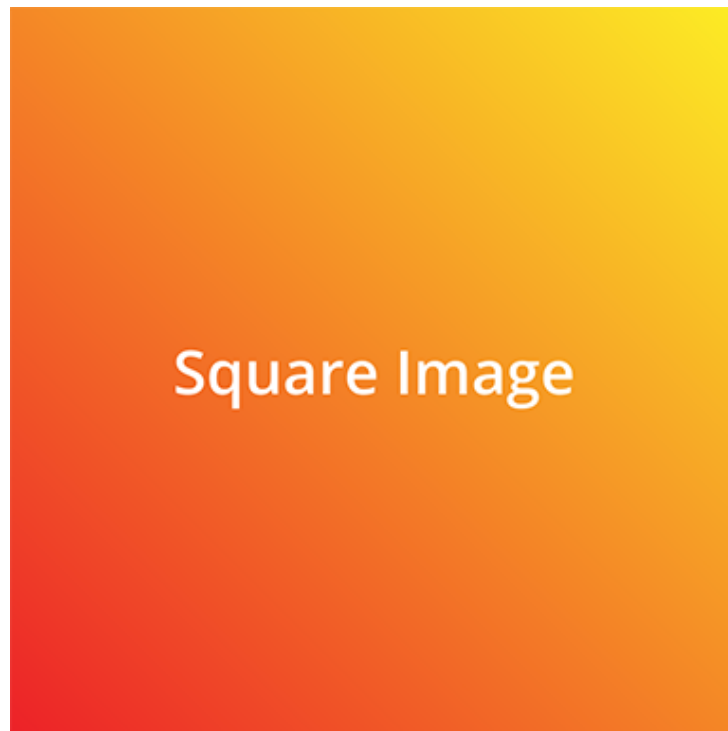
def test_expand_short_doi():
    doi = expand_short_doi("10/c3bp")
    # a string too long to fit within page:
    assert doi == "10.25313/2524-2695-2018-3-vliyanie-enhansera-copia-i-
        insulyatora-gypsy-na-sintez-ernk-modifikatsii-hromatina-i-svyazyvanie-
        insulyatornyh-belkov-vtransfetsirovannyh-geneticheskikh-konstruktsiyah"
```

Code block with no syntax highlighting:

```
Exporting HTML manuscript
Exporting DOCX manuscript
Exporting PDF manuscript
```

## Figures

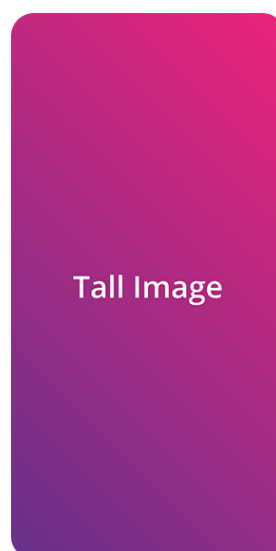
---



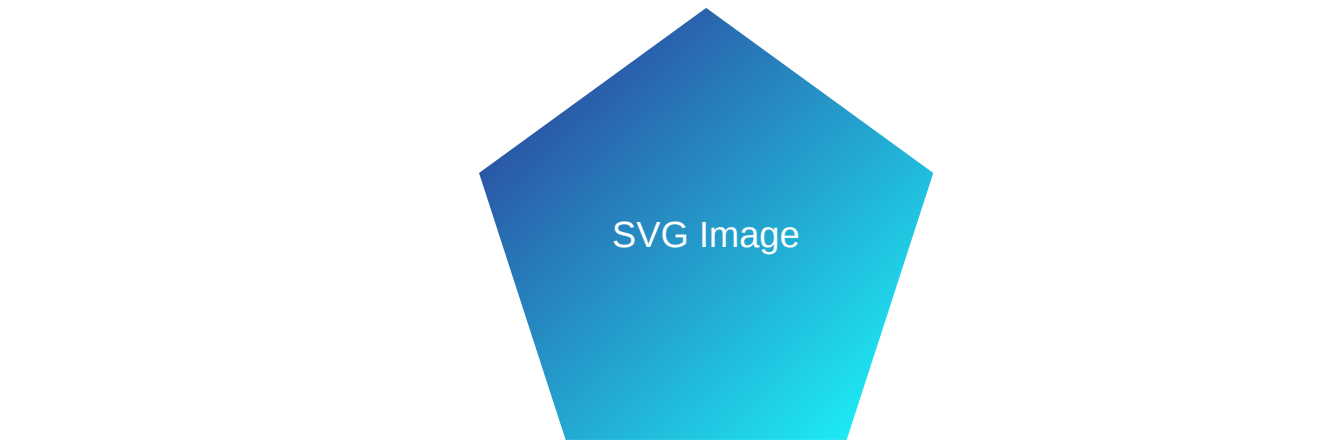
**Figure 1: A square image at actual size and with a bottom caption.** Loaded from the latest version of image on GitHub



**Figure 2: An image too wide to fit within page at full size.** Loaded from a specific (hashed) version of the image on G



**Figure 3: A tall image with a specified height.** Loaded from a specific (hashed) version of the image on GitHub.



**Figure 4:** A vector `.svg` image loaded from GitHub. The parameter `sanitize=true` is necessary to properly load ! hosted via GitHub URLs. White background specified to serve as a backdrop for transparent sections of the image.

## Tables

**Table 1:** A table with a top caption and specified relative column widths.

<i>Bowling Scores</i>	Jane	John	Alice	Bob
Game 1	150	187	210	105
Game 2	98	202	197	102
Game 3	123	180	238	134

**Table 2:** A table too wide to fit within page.

	Digits 1-33	Digits 34-66	Digits 67-99	Ref.
p i	3.14159265358979323 846264338327950	2884197169399375105 82097494459230	7816406286208998628 03482534211706	<code>piday.org</code>
e	2.71828182845904523 536028747135266	2497757247093699959 57496696762772	4076630353547594571 38217852516642	<code>nasa.gov</code>

**Table 3:** A table with merged cells using the `attributes` plugin.

	Colors	
Size	Text Color	Background Color
big	blue	orange
small	black	white

## Equations

A LaTeX equation:

$$\int_0^\infty e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$$

An equation too long to fit within page:

$$x = a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q + r + s + t + u + v + w + x + y + z + 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9$$

## Special

**⚠ WARNING** The following features are only supported and intended for `.html` and `.pdf` exports. Journals are not likely to support them, and they may not display correctly when converted to other formats such as `.docx`.

LINK STYLED AS A BUTTON

Adding arbitrary HTML attributes to an element using Pandoc's attribute syntax:

Manubot Manubot Manubot Manubot Manubot. Manubot Manubot Manubot Manubot. Manubot Manubot Manubot. Manubot Manubot. Manubot.

Adding arbitrary HTML attributes to an element with the Manubot `attributes` plugin (more flexible than Pandoc's method in terms of which elements you can add attributes to):

Manubot Manubot Manubot Manubot Manubot. Manubot Manubot Manubot Manubot. Manubot Manubot Manubot. Manubot Manubot. Manubot.

Available background colors for text, images, code, banners, etc:

white lightgrey grey darkgrey black lightred lightyellow lightgreen lightblue  
lightpurple red orange yellow green blue purple

Using the [Font Awesome](#) icon set:

✓ ? ★ 🔔 ✕ …



**Light Grey Banner**

useful for *general information* - [manubot.org](https://manubot.org)



**Blue Banner**

useful for *important information* - [manubot.org](https://manubot.org)



**Light Red Banner**

useful for *warnings* - [manubot.org](https://manubot.org)

# References

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## 1. Sci-Hub provides access to nearly all scholarly literature

Daniel S Himmelstein, Ariel Rodriguez Romero, Jacob G Levernier, Thomas Anthony Munro, Stepher McLaughlin, Bastian Greshake Tzovaras, Casey S Greene  
*eLife* (2018-03-01) <https://doi.org/ckcj>  
DOI: [10.7554/elife.32822](https://doi.org/10.7554/elife.32822) · PMID: [29424689](https://pubmed.ncbi.nlm.nih.gov/29424689/) · PMCID: [PMC5832410](https://pubmed.ncbi.nlm.nih.gov/PMC5832410/)

## 2. Reproducibility of computational workflows is automated using continuous analysis

Brett K Beaulieu-Jones, Casey S Greene  
*Nature biotechnology* (2017-04) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6103790/>  
DOI: [10.1038/nbt.3780](https://doi.org/10.1038/nbt.3780) · PMID: [28288103](https://pubmed.ncbi.nlm.nih.gov/28288103/) · PMCID: [PMC6103790](https://pubmed.ncbi.nlm.nih.gov/PMC6103790/)

## 3. Bitcoin for the biological literature.

Douglas Heaven  
*Nature* (2019-02) <https://www.ncbi.nlm.nih.gov/pubmed/30718888>  
DOI: [10.1038/d41586-019-00447-9](https://doi.org/10.1038/d41586-019-00447-9) · PMID: [30718888](https://pubmed.ncbi.nlm.nih.gov/30718888/)

## 4. Plan S: Accelerating the transition to full and immediate Open Access to scientific publication

COAlition S  
(2018-09-04) <https://www.wikidata.org/wiki/Q56458321>

## 5. Open access

Peter Suber  
*MIT Press* (2012)  
ISBN: [9780262517638](https://www.isbn-international.org/view/title/9780262517638)

## 6. Open collaborative writing with Manubot

Daniel S. Himmelstein, Vincent Rubinetti, David R. Slochower, Dongbo Hu, Venkat S. Malladi, Casey S. Greene, Anthony Gitter  
*Manubot* (2020-05-25) <https://greenelab.github.io/meta-review/>

## 7. Opportunities and obstacles for deep learning in biology and medicine

Travers Ching, Daniel S. Himmelstein, Brett K. Beaulieu-Jones, Alexandr A. Kalinin, Brian T. Do, Greg Way, Enrico Ferrero, Paul-Michael Agapow, Michael Zietz, Michael M. Hoffman, ... Casey S. Greene  
*Journal of The Royal Society Interface* (2018-04-04) <https://doi.org/gddkhn>  
DOI: [10.1098/rsif.2017.0387](https://doi.org/10.1098/rsif.2017.0387) · PMID: [29618526](https://pubmed.ncbi.nlm.nih.gov/29618526/) · PMCID: [PMC5938574](https://pubmed.ncbi.nlm.nih.gov/PMC5938574/)

## 8. Open collaborative writing with Manubot

Daniel S. Himmelstein, Vincent Rubinetti, David R. Slochower, Dongbo Hu, Venkat S. Malladi, Casey S. Greene, Anthony Gitter  
*PLOS Computational Biology* (2019-06-24) <https://doi.org/c7np>  
DOI: [10.1371/journal.pcbi.1007128](https://doi.org/10.1371/journal.pcbi.1007128) · PMID: [31233491](https://pubmed.ncbi.nlm.nih.gov/31233491/) · PMCID: [PMC6611653](https://pubmed.ncbi.nlm.nih.gov/PMC6611653/)