

JUNG Frédéric | Curriculum Vitae

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🌐 <https://fredcuddy.github.io/Blog-perso>



Education

Academic Qualifications.....

- **Biology Bachelor Degree - Cellular/Molecular Biology and Physiology** **Bordeaux**
○ *Université de Bordeaux college science et technologies* **2012–2017**
- **Master in Bioinformatics: From Genomes to Ecosystems** **Bordeaux**
○ *Université de Bordeaux college science et technologies* **2017–2019**

Academic Projects.....

- **Image processing:**
Image threatment development - Automate process - 3D reconstruction par tomo.
- **Front end development of a user-friendly LIMS: Web devvelopment**
Colaboration with the Bioaster team to implement some features to add to their LIMS (Laboratory Information Management System).
- **Base de donnée:**
User interface for a chain restaurant (using Perl and SQL).
- **Biotechnology: Agroinfiltration and Stable transformation** of Tobacco at the Institut National Recherche Agronomique (INRA) research center of Villenave d'ornon .

Personnal Projects.....

- **Bordeaux iGEM team 2018 : Biotechnologies**
Member of the Bordeaux iGEM team in charge of the Bioinformatics part (Wiki developpement, modelisation with R ans C++).
- **Widget development for FORGISTIC: Web development**
Three month of web development for FORGISTIC which launched a web site. I develop some widgets and a *Character maker* for 3D printable board game figurines.

Technical and Personal skills

Computational abilities.....

- **Programming skills:**
 - **Proficient in:** Python, Javascript, HTML, CSS, SQL, Bash, L^AT_EX, Markdown, C++
 - **Basic ability with:** Java, Emacs Lisp, R, C, perl, Regex, SDL, Qt
- **Web skills:**
 - **Proficient in:** jQuery, Bootstrap, Metro4
 - **Basic ability with:** WebGL, three.js, chart.js, D3.js, php
- **Software Skills:** ImageJ, Emacs, Visual studio code, Mendely, Inkscape, Github, Texmaker, Blender, Qt Creator, Office 365, Emboss packages

Interests and extra-curricular activity

- Linux and open source programs user, .
- President of the Bordeaux Bioinformatics association AMBB (Association du Master de Bioinformatique de Bordeaux) 2017/2018
- Hicking and fishing.
- Always doing a MOOC (Massive Open Online Course), or following online courses.
- Board game player.