

Andrew García Jean

BIOINFORMATIC
SOFTWARE DEVELOPER

Redován, Alicante, Spain

[Portfolio](#)

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EDUCATION

- 2013 - 2018 Secondary Education (science track)
Jaime de Sant-Àngel High School (Redován, Spain)
- Extraordinary Award for Academic Excellence.
- 2018 - 2022 Bachelor's Degree in Biology
University of Alicante (Alicante, Spain)
- Health Sciences track in ARA group (taught in English).
 - **Average Grade: 8,65** (10 Honors Distinctions) / GPA: 3.3
- 2022 - 2023 MSc in Bioinformatics and Biostatistics
Universitat Oberta de Catalunya (Online)
- **Average Grade: 9.14** (1 Honors Distinction) / GPA: 3.6
- 2024 - 2026 Self-learning in Software Development
- Frontend and backend development.
 - Software Development Life Cycle (SDLC).
 - Version control.

PRACTICAL EXPERIENCE

- 12/21 - 07/22 Entomology Internship
CIBIO & UA Dept. of Ecology (Alicante, Spain)
- Maintenance and organization of entomological collections.
- 10/23 - 01/24 Bioinformatic Internship
IDIBELL (Barcelona, Spain)
- Univariate and multivariate analyses (logistic regression and survival analysis) using clinical nutrition data.

PROJECTS

- 12/25 - 03/26 No-JS Portfolio
Interactive Web Interface without JavaScript
- Implementation of advanced interactivity using HTML and CSS in unconventional ways, pushing the limits of their functionality.
 - Simulation of a professional development environment: requirements definition, design (wireframes) and style guide.
 - Focus on good practices in project planning and structuring.

[View Project](#)

PROFILE

Software Developer specialized in Bioinformatics with knowledge in both frontend and backend development as well as data analysis.

Interested in developing software tools to solve problems in the scientific field.

Looking to grow into roles with greater responsibility in the design and architecture of bioinformatics systems.

SKILLS

Bioinformatics

- Genetics, Microbiology, Biochemistry, Physiology, Zoology, Ecology.
- Data Analysis (Univariate, Multivariate, Survival Analysis) and Data Visualization.
- Computational Genomics, NGS and Microarray Analysis, Molecular Docking.
- Machine Learning, CNN, SVM.

Software Development

- HTML, CSS, JavaScript, Python (Django), R.
- SQL, MongoDB.
- Git, GitHub, GitLab.
- Unix, Linux, Bash.

Soft Skills

- Analytical and creative thinking.
- Meticulous attention to detail.
- Fast and interdisciplinary learning.

Languages

- Spanish (Native).
- English (B2 Level).
- French (B2 Level).
- Catalan (C1 Level).