

Sebastián Torrente

Physics MS

Profile

I am a Physics graduate always in search of knowledge and challenges and with a strong interest in programming. With my degree finished my next goal is to participate in interesting projects to help them succeed and further developing my programming skills. I offer an inquisitive and perseverant mind, happy to share his knowledge and lend a hand when needed.

Education

2001-2013 **Licentiate Degree in Physics**, *University of Murcia*, Murcia.

Equivalent to a BS+MS. Specialization in Electronics and Electromagnetism. I took too classes in the computational physics and astrophysics specializations.

- Student intern in the class 'General Relativity and Cosmology'.
- Volunteered to edit and typeset the compilation book with all the papers wrote for the Nuclear Physics class, which was published. I got more experience with L^AT_EX, rewriting and turning the papers into a single book with an unified style.
- Staff member in the *FISPAC* stand during *SECyT 2010*. I contributed with the creation of posters and flyers and also by giving divulgation speeches about astro and particle physics to a wide variety of public. I also created a mailing list, everyone interested was welcome to register so we could send them digital versions of the posters. Thanks to this, FISPAC got in contact with a lot of high schools for future divulgation activities.

Experience

2013–Present **Data Analyst**, *Growth Intelligence*, London.

Entered as an Intern in May this year and I am currently working for them as Data Analyst. Some achievements:

- My work was key in two important pilot project.
- Improved my skills in Python, using it to parse XML, JSON and use it to interact with a REST API.

2006–2013 **Freelance Card Game Designer**, *Edge Entertainment*.

Co-creator and Main Designer of the card game '*Crisis: Tokyo*', released in Autumn this year. Url:

- Won the board game design contest (card game category) thanks to the creation of a convincing prototype and a good pitch.
- Learned all the aspect of the design and management of a product, given that *Edge Entertainment* gave us a lot of control (and responsibility) over all the process and the final say on every aspect.
- It was also a chance to take a lot of different roles and collaborate with external teams: editors, illustrators, translators, beta testers...
- I still maintain the project offering rules support and using the feedback and questions to elaborate a FAQ.

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Languages

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| Spanish | Native | <i>Great level with a rich vocabulary, even for a native.</i> |
| English | Fluent spoken and written | <i>ESOL Cambridge CAE Grade A</i> |
| French | Basic | <i>Learned during high school. I plan to pick it up again.</i> |

Computer Skills

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| Python | 2.7, 3.3 | <i>Preferred language, currently learning Numpy and Scipy</i> |
| L ^A T _E X | MikTeX and Texmaker | <i>Main choice for typesetting</i> |
| Fortran | FORTRAN77 | <i>Used in computational physics, switching to Numpy</i> |
| Databases | MySQL, SQLite | |
| Other | C, R, MATLAB(Octave) | <i>I am interestid in adding Haskell to the list</i> |
| Tools | Git, Vim, MySQL Workbench | <i>https://github.com/SebastianTorrente/</i> |

Interests

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| Electronics | Design, assembly and soldering of small electronics devices. Last project: an arcade stick with detachable cable and compatible with ten different systems. |
| Learning | Acquiring new skills. Currently learning Ruby, and TkInter. Once I settle down I plan to learn German, French and some martial art as a physical activity. |
| Hobbies | Taking online and summer courses, travel, cooking, organising science fiction and martial arts cinema sessions, read, trade and discuss comics and novels and make small fighting game tournaments with friends. |

Personal Skills

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| Lateral Thinker | Crazy ideas may not be the correct ones all the time, but they are always interesting and worth exploring. |
| Problem solver | With a "let's fix it" attitude and very enthusiastic about it. Doubly so if I have to learn new skills to tackle the problem. I would like to insist about it: I really love to learn new skills, even if they do not seem practical at first. |
| Team worker | Supportive to others, eager to share and support ideas, inspire others and fun to have around. |
| Task Driven | Because finishing projects before the deadline is incredibly satisfying. |
| Curious and polymorphic | I just cannot resist the temptation of trying my hand at tasks I have never done before and figuring out how things work. |
| Perseverant | Even in the direst circumstances I still push on. |

Other

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| Availability | I will be available from January |
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