Curriculum Vitae

David Álvarez Rosa

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Personal information

- Full name: David Álvarez Rosa.

- Place and date of birth: Pamplona (Navarra), 10th October 1998.

- Mobile Phone: 647 133 930.

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Education

- Current

    - Degree in Industrial Engineering. 3rd year. ETSEIB - UPC.

    - Degree in Mathematics. 3rd year. FME - UPC.

- June 2017

    - Baccalaureate in Science and Technology. Final grade: 9,47/10,
      getting 12,757/14 in the exams of access for university
      (Selectividad).

Languages

- Spanish: mother tongue.

- English: C1 level in August 2017.

- Catalan: intermediate level.

Technical skills

- Programming languages: good knowledge of C++, Python and Octave.
  Notions of AMPL and Bash.

- Web development: experience with HTML, CSS and Javascript. Knowledge
  of PHP as a backend language.

- Other markup languages: $\LaTeX$ (including Beamer).

- Version control: Git.

- Linux systems: Arch (current distro), Debian (personal server) and
  (K)ubuntu (in the past).

Relevant courses

- Introduction to Machine Learning/Deep Learning[1], CFIS, 20 hours (January 2019, Barcelona).

Related projects

- Creation of a study schedule adapted to students through data analysis. Developed in group as part of a degree course in Industrial Engineering.

- Mail Server: configuration of modern, secure personal email server based on libre software (Postfix, Dovecot, ...) supporting opportunistic TLS and IMAP access.

- Creation of a virtual animation[2] of a robotic arm intelligently playing the game of Tic-Tac-Toe. Work done in pairs in a subject of the degree in Industrial Engineering.

Others

- Second position in the local phase of the Spanish Mathematical Olympiad (Navarra, 2016).

- Local winner of the Spanish Physics Olympiad (Navarra, 2016).

- Silver medal in the Spanish Physics Olympiad (Sevilla, 2016).

- Spanish driver's license.

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[1] https://sites.google.com/view/dlcfis2019/home

[2] https://alvarezrosa.com/proyecto/