

Alejandro González

"Computer science is no more about computers than astronomy is about telescopes." -Edsger Dijkstra

info

November 1990
Spanish

contact

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social

in algope
o algope
t algope

dev

R
GO
Java
C/C++
Python
NodeJS
JavaScript
HTML5 + CSS3

interests

Politics
Big Data
Economics
Open Data
Open Government

languages

Spanish: Native
Catalan: Native
English: C1
French: A2

experience

since Sep15 **CTO and Co-founder**

HUB CÍVICO, Valencia (Spain)

<http://hubcivico.org>

Hub Cívico is a non-profit initiative aiming to facilitate the use of technology in processes of open government, transparency, participation/collaboration and accountability.

Skills: Project management, NodeJS, R, GO, Python.

Mar15 Jul15 **Intern - Mobile Software Engineer**

OKODE, Valencia (Spain)

<http://okode.com>

Okode is a technology company specialized in innovative solutions such as web and mobile applications, business process analysis and Cloud.

Skills: Java, Android, HTML5, CSS3, JavaEE.

Sep14 Jan15 **Intern - Frontend Developer**

EHUMANLIFE, Inc., Boston (United States)

<http://ehumanlife.com>

eHumanLife is a brand new technology that unites the worldwide medical community via a digital platform accessible by computer, tablet, or smart-phone.

Skills: JavaScript, JQuery, HTML5, CSS3.

Feb14 Sep14 **Intern - Software Engineer**

EVERIS, Madrid (Spain)

<http://everis.com>

Working on ehCOS eHealth, a set of products that encapsulates hospitals, care centers and all its requirements such as: Electronic Health Record, Enterprise Master Person Index, Patient Management, Patient Safety and Risk Management.

Skills: Team work, Testing, Java EE, PostgreSQL, Oracle DB, Pentaho.

Jul13 Jul14 **Vice-chair and Co-founder**

ACM UPV Chapter, Valencia (Spain)

<http://acmupv.webs.upv.es>

ACM UPV Chapter is an extension of The Association for Computing Machinery at the Polytechnic University of Valencia. Our aim is to generate a nexus between students, teachers, researchers and professionals so they can share knowledge and experiences.

Skills: Leadership, motivation, oratory, group management.

education

2016 **B.Sc. Computer Science**

Polytechnic University of Valencia

Specialisation in Information Technology

General Courses

- Automata theory
- Distributed systems
- Databases and info systems
- Data structures and algorithms
- Languages, Technologies and Programming Paradigms
- Parallel computing
- Project management
- Intelligent systems
- Software engineering
- Human-Computer interfaces

Elective Courses

- Upper Intermediate English
- Network Services and Systems
- Statistical methods applied to computer engineering
- Web development
- Database technology
- Application Integration
- User Centred Development

2008 **Spanish Bacallaureate**
Specialisation in Sciences and Engineering

CES Mestral, Eivissa

2006 **Secondary School**

CES Mestral, Eivissa

projects

2015 **civicBOT** <http://civicbot.hubcivico.org>
civicBOT is a tool for monitoring the performance of political parties. It is a bot that receives information in text or image format and lets citizens classify this information. After that, all the information is analyzed.

2015 **amigaBOT** <https://github.com/algope/amigaBOT>
amigaBOT integrates Google Maps, as well as notifications via email, SMS, push and alerts for the authorities in order to allow victims of domestic violence report a risk by simply sending a message to our BOT.

2016 **openCityCouncils** <https://opencitycouncils.org>
openCityCouncils is a set of simple, technology-neutral, machine-readable descriptions of council documents that makes the structural and semantic components of digital council documents accessible in order to improve efficiency and accountability of City Councils.

2016 **votingBOT** <https://github.com/algope/votingBOT>
votingBOT is a Telegram bot that eases voting process. It is designed to guarantee the privacy and security of votes by means of encryption and verification. It also speeds up the tasks of rolling out a new voting process.

volunteering

- Sep12 Jul14 **Mentor for exchange students** Polytechnic University of Valencia
I helped exchange students with their arrival to Spain and during their stay at the University so it became easy for them to find accommodation, to know the campus and the city, select the most interesting courses to take, meet new people and, in general, with everything they needed.
- Feb12 Feb13 **University Relations Coordinator** Polytechnic University of Valencia
As a Coordinator of the University Relations Area I assisted Students to understand University Regulations and Normative, also to solve issues between Students and University Board.

certifications

- Jul15 **Google Tag Manager** Google
- Sep15 **M101JS: MongoDB for Node.js Developers** MongoDB, Inc.
- Mar16 **Inferential Statistics** Udacity

courses

- 2011 **Information Security in Public Administration** UNED
- 2012 **The Data Protection Act and ISO 27001** ISACA
- 2012 **Audit of Ethical Hacking** ISACA
- 2012 **Web Safety Analysis : OWASP Testing Guide** ISACA
- 2012 **Intrusion Test: Methodologies ISSAF and OSSTMM** ISACA
- 2013 **Computer Forensic Examiner** Polytechnic University of Valencia
- 2013 **Group Management Strategies** Polytechnic University of Valencia

awards

2014 **Ambassador for ACM**

Association for Computing Machinery

2013 **Two Weeks London Scholarship**

Polytechnic University of Valencia

memberships

2014 **ACM SIG on Security, Audit and Control**

Member

2013 **Association for Computing Machinery**

Member