

Alejandro González

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

info

November 1990
Spanish

contact

Stockholm-Sweden
agp@kth.se

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: C2

experience

Mar17 - Aug17 Intern - Data Analyst

3ants, Madrid (Spain)

<http://3ants.com>

3antS detects and eliminates illegal uses of intellectual property with a combination of an state of the art technological tools and human resources.

Skills: Python, MongoDB, Scraping, Spark, Deep Learning.

Oct16 - Jul17 Guest Lecturer

Universitat Politècnica de València (UPV), Valencia (Spain)

<http://www.upv.es>

Guest lecturer at the School of Computer Science, within the CivicHackers initiative, a partnership between the Technical University of Valencia and the Valencia City Council.

Skills: Teaching, communication.

Sep15 - Sep16 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.

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

2018	Teknologie Mastersexamen ICT Innovation Specialisation in Data Science <i>Courses</i>	Kungliga Tekniska högskolan
	<ul style="list-style-type: none">– Data-Intensive Computing– Data Mining	<ul style="list-style-type: none">– Research Methodology and Scientific Writing– Minor Thesis Project within Entrepreneurship
2017	MSc. Computer Science Specialisation in Data Science <i>Courses</i>	Polytechnic University of Madrid
	<ul style="list-style-type: none">– Big Data– Cloud Computing and Big Data Ecosystems Design– Cognitive Systems– Innovation & Entrepreneurship	<ul style="list-style-type: none">– Intelligent Data Analysis– Intelligent Systems– Deep Learning– Information Retrieval, Extraction and Integration
2016	B.Sc. Computer Science Specialisation in Information Technology <i>General Courses</i>	Polytechnic University of Valencia
	<ul style="list-style-type: none">– Automata theory– Distributed systems– Databases and info systems– Data structures and algorithms– Languages, Technologies and Programming Paradigms	<ul style="list-style-type: none">– Parallel computing– Project management– Intelligent systems– Software engineering– Human-Computer interfaces
	<i>Elective Courses</i>	
	<ul style="list-style-type: none">– Upper Intermediate English– Network Services and Systems– Statistical methods applied to computer engineering	<ul style="list-style-type: none">– Web development– Database technology– Application Integration– User Centred Development
2008	Spanish Baccalaureate 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
- Apr16 **TOEFL iBT** ETS

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