

# Antonio Sánchez Gómez

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## PERSONAL PROFILE

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I am software developer with a broad knowledge of AI that takes pride in writing readable and testable code. I am passionate about entrepreneurship and the economic, social and technological trends that shape our world. I also have a thirst for learning and meeting new cultures and ways of thinking.

## WORK EXPERIENCE

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**Freelance Developer**, *Self-employed*, Madrid, Spain

*Jan 2018-Now*

- Developed Single Page Apps, Conversational Interfaces and Mobile applications.
- Worked with Angular, React, Heroku, DialogFlow and Bootstrap among others.
- Obtained system requirements from clients and established an agile relationship with them.

**NextGame Sport CoFounder**, *NextGame Sport*, Manchester, U.K.

*May 2016-Sept 2016*

- CoFounder of NextGame Sport: an sport-predictions startup accepted into the Entrepreneurial Spark accelerator that sought to connect fans and brands together.
- Developed its Javascript backend and its Ionic mobile app.
- Took part in strategic decision-making, led feedback sessions and practiced pitching.

**Software Engineer Intern**, *Microsoft*, Dublin, Ireland

*Jul 2014-Jul 2015*

- Created C# desktop applications and cloud components to automate the localization process of Office content.
- Maintained legacy components and promoted testable and maintainable architectures and coding practices to handle 5,000 daily assets.
- Worked in a 20-person agile team under little supervision and in close contact with management and end users.

**York Interdisciplinary Research Student**, *University of York*, York, U.K.

*Jul 2013-Sept 2013*

- Developed a multithreaded Java GUI to teach Evolutionary Computation.

## EDUCATION

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**BSc (Hons) Computer Science with Business and Management**

*Sept 2012 - Jun 2016*

*University of Manchester*, Manchester, U.K.

1<sup>st</sup> class honours

- Created AI applications for playing Kalah, language processing, voice recognition, speech creation, hand-written digit recognition, spam filtering and an Stackelberg leader.
- Performed strategic recommendations, business proposals, market research, financial analysis and marketing plans.
- Developed in Java, Python, C, Matlab, Prolog and HTML.
- Learned Agile software development, software evolution challenges, the complexity of abstract data structures and fundamental system architecture principles.
- Worked in several team projects and won the 2014 IBM Software Engineer price for the best team of the year.

## Baccalaureate in Technology

I.E.S. Gregorio Marañón, Madrid, Spain

9.76/10 (first of cohort)

*Sept 2010 - Jun 2012*

- Tackled university-level problems in the Campus Científicos de Verano program.

## TECHNICAL SKILLS

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**Artificial Intelligence** : NLP, classification and optimization methods, reinforcement learning, etc.

**Programming languages** : Javascript, HTML, C#, Python, Java, Matlab, Latex, Bash/Zsh, Prolog, etc.

**Development tools** : Firebase, Azure, Docker, Mocking, Visual Studio, Git, Vim, Command line, etc.

**Human languages** : English (*fluent*), Spanish (*fluent*), French (*intermediate*), Japanese (*beginner*).

## VOLUNTARY EXPERIENCE

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**Mathematics teacher**, *Junior Achievement Ireland*, Dublin, Ireland

*May 2015*

- Taught mathematics and its applications to elementary school students using games.

**Committee member**, *Ultimate Programming Society*, Manchester, U.K.

*December 2013-Jul 2014*

- Organized events to bring the latest technologies and development trends to the students of school.

**PASS Leader**, *University of Manchester*, Manchester, U.K.

*Sept 2013-Jul 2014*

- Facilitated the learning and integration into university life of 1<sup>st</sup> year students.
- Gained cultural and personality awareness, leadership and communication skills.

## OTHER NOTABLE POSITIONS

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**Novels of the West creator** : used Angular and Firebase to create a directory of English web novels.

**Toastmaster member** : regularly practicing public speaking and leadership skills.

**Venture Out 2015 finalist** : ended finalist in the business idea competition.

**SBP Betting Professionals co-founder** : applied predictive analytics to make horse racing bets.

**IMAV 2014 participant** : created a 7-digit number recognition program.