

# Antonio Sánchez Gómez

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## PERSONAL PROFILE

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I'm a fullstack javascript developer. I currently find myself most comfortable with the MERN stack, but unending curiosity has led me to delve in things as diverse as AI, Single Page and Mobile apps; traditional servers and serverless backends; and languages like Javascript, Prolog and C#. I take pride in writing quality code that delivers business value and my journey to balance short-term business goals against technical best practices have made me a fervent believer in constant refactoring and automated testing. I'm looking to continue growing, both as a person and as a developer, and open to new challenges, locations and experiences.

Fun fact? This CV was made with Latex; check my "LatexCV" repository in github.

## WORK EXPERIENCE

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**Fullstack Developer**, *Linkproved*, Madrid, Spain

*Dec 2018-Dec 2019*

- Maintained the main site working with Reactjs, Express and MongoDB.
- Developed and maintained a microservice for search and keyword recommendation using Gensim, Python and Django.
- Increased cohesion and decreased coupling and duplication of the code base while delivering on business goals.
- Introduced end to end automated tests using Jest and Puppeteer.
- Worked remotely and independently and offered suggestions on new features.

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

*Aug 2016-Dec 2018*

- Developed Single Page Apps, Conversational Interfaces and Mobile Applications.
- Worked with React Native, Angular, 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*

- Cofounded 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 pitched to potential stakeholders.

**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 better coding practices to handle 5,000 daily assets.

**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.
- Worked in several team projects and won the 2014 IBM Software Engineer prize for the best team of the year.

### **Baccalaureate in Technology**

*Sept 2010 - Jun 2012*

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

9.76/10 (first of cohort)

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

## TECHNICAL SKILLS

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**Artificial Intelligence:** search, keyword recommenders, conversational interfaces (chatbots), etc.

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

**Development tools:** Jest, Docker, VS Code, Git, Command line, Firebase, Azure, 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.