

# Miguel Ángel Paredes Bustos

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Computer Science and Mathematics student

The University of St Andrews

## Education

The University of St Andrews, UK | Computer Science and Mathematics

Sep 2024 - May 2028

- Achieved **Upper Second Class Honours** in Year 1

King's College, The British School of Alicante, Spain | IB

Sep 2022 - May 2024

- **Business Subject Prize** (Given to only 1 student in each year group for academic excellence)

## Experience

Software Engineering Intern | Sigma Lending ([Sigma Lending](#))

June 2026 - present

- Worked closely with the CEO and CTO to develop a portal, from scratch, where investors can view information concerning their investments
- Developed understanding of unsecured lending, investor reporting, and fintech product workflows

Technology Spring Intern | Morgan Stanley

April 2026

- Selected to attend the Technology Morgan Stanley Spring Insight programme, gaining exposure to software engineering, system architecture and technology's role in global financial services
- Developed technical and commercial insight through workshops, case studies and networking with engineers

C&R Sector Head | Elphinstone Research Group

September 2025 - present

- Led a team of 15 analysts in the preparation of a report on L'Oreal's acquisition of Kering's beauty assets
- Strengthened my organisational and communication skills

Co-founder | WorkRoad ([WorkRoad](#))

Sep 2024 - present

- Co-founded a pioneering web application that helps students to improve their school life balance by providing them with efficient and entertaining productivity tools that prioritize smart work over hard work
- Beta testing showed a **40%** faster task completion rate compared to other apps

Technology Advisor | The Language Room ([The Language Room - Academia de Idiomas](#))

July 2025 - present

- Designed and manage the technological infrastructure of the language academy - built a **full-stack website** with **MERN** stack and implemented Stripe payments
- Collaborated closely with the owner to understand the product life cycle and sharpened my management and communication skills
- Hosted using Vercel

Writer | Wrote a **4000**-word paper titled "To what extent are the load balancing algorithms Least Connections and Round Robin better than each other in providing a faster server response time?"

March 2024

- Gained research skills (primary and secondary research: data collection of my code and the use of JSTOR)
- Gained academic writing skills (concise writing, academic structure, harvard style referencing)

## Skills

- **Programming:** MERN (MongoDB, ExpressJS, ReactJS, NodeJS), Python, Java, Javascript, Typescript, MySQL, APIs, TailwindCSS, Unit testing, Puppeteer
- **Tools:** GitHub, Heroku, Docker, AWS, VirtualBox, VS Code, IntelliJ, Jupyter, Excel, Access, NumPy, SciPy, Latex
- **Soft skills:** Communication, problem-solving, teamwork, patience, time-management

## Certificates

- Deep Learning and Neural Networks | [DeepLearning.AI](#)
- English C2 Proficiency (Cambridge)

## Hobbies

- Tennis, padel, travelling, ski, karate (blue belt), reading (Isaac Asimov admirer), chess, art (oil painting and portrait drawing)

## Languages

- English (Fluent)
- Spanish (Native)
- Chinese (Basic)