

Diego Asua

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Employment history

NYU Langone Health [↗](#) Research Associate

Oct 2020 – Sep 2021

Python Bash NumPy MatLab Pandas Scikit-Learn PyTorch Unix

- Lead data scientist within a research group
- High-performance and cloud computing
- Dataviz
- Machine learning for video processing (denoising)
- Software engineering: GUI design, serial comm., embedded arduino, data pipelines
- High-energy laser diffractive optics
- Brain-machine interfaces and neurostimulation devices

Max Planck Institute of Neurobiology [↗](#) Research Assistant

Oct 2019 – Jul 2020


MongoDB Python Bash Tensorflow NumPy MatLab

- Built a state-of-the-art brain imaging device
- Dataviz
- Software engineering: GUI design, serial comm., data pipelines, multiprocessing, JIT, Object-Oriented programming
- Data analysis pipelines
- Machine learning for pose estimation, real-time feedback control

Oxford University Cortex Club [↗](#) Secretary

May 2019 – Aug 2019

- Preparing agenda for meetings
- Hosting speakers from top universities around the world
- Writing meeting minutes
- Collaborating with several UK trusts and incubators

Brasenose College, Oxford  Vice President & treasurer HCR

Mar 2019 – Aug 2019

Google Sheets

- Budgeting
- Reimbursements
- Bimonthly meetings with college board
- Dealing with financial institutions from the university
- Executive decisions for the committee

Basque Center for Biophysics  Research Intern

Jan 2016 – Jun 2018

Excel

- Large-scale computer-aided drug screening
- Machine learning and rigid molecular simulations for drug discovery
- Various experiments in neuroscience

Cima Universidad de Navarra  Research Intern

Jun 2017 – Jul 2017

- Researcher in molecular mechanisms of lung and colon cancer, new therapeutic targets

Education

University of Oxford

Jan 2018 – Jan 2019

Master of Science – Neuroscience

- In addition to my studies I worked in two laboratories, one computational and one hands-on.

Universidad del País Vasco/Euskal Herriko Unibertsitatea

Jan 2014 – Jan 2018

Bachelor of Science

- In addition to my studies, I did undergraduate research for two years

International Baccalaureate (High school diploma)

Sep 2011 – Jun 2013

High school diploma

- Advanced algebra & calculus
- Environmental sciences
- History: 20th century authoritarian regimes
- Philosophy II
- Spanish philology II
- Involved in robotics competitions
- Participated in international forum on corruption and development
- Thesis (sociology in IT)

More about me

I like to work with people who...

find inspiration in their jobs, are curious, logical and data-driven. People who enjoy what they do.

At work I'm best at...

Solving problems, coordinating people from different backgrounds and skills, organizing work loads, maintaining equilibrium between development and production

I'm excited to work for a fast-growing company because...

There is plenty of opportunity to learn and provide solutions to a variety of problems.

I'm making a career change because...

I want to direct my career towards growing startups, particularly in tech and fintech.

Languages spoken

Spanish, Basque