GEORGES NOMICOS

www.linkedin.com/in/gnomicos
+33 6 34 04 01 09 ⋄ georgesnomicos@gmail.com

EDUCATION

Imperial College London Oct. 2018 - Sept. 2019
MSc Human and Biological Robotics with Merit

Thesis: Sim2Real for simultaneous robotic manipulation and locomotion
with Deep Reinforcement Learning (DRL), BICI Lab and Dyson Robotics Lab

University of Birmingham Oct. 2015 - Jul. 2018
BEng Mechanical Engineering, First class honour

EXPERIENCE

Project Engineer (Automation) Sept. 2020 - Present
VHP Security Paper *Ugchelen, Netherlands*

- Acted as a project leader for IoT, data analytics, industrial automation projects.
- Applied project management practice for cascade and agile types of project.
- Wrote and presented investment proposals to board members for strategic projects.
- Contributed to process improvements by drawing-up standards, performing data analytic and software development.
- Interacting with several external suppliers from electrical, software development and external consultants.

Software developer Oct. 2019 - Nov. 2019
Wippit - 3D Printing startup *London, UK*

- Implemented an algorithm preventing the loading of several application instances for different operating systems.
- Contributed to some fixes on the application user-interface.
- Experienced continuous integration (CI) practices with a team of developers and created executable of the software application for Mac OS and Windows.

Undergraduate Research Assistant Oct. 2017 - Jul. 2018
University of Birmingham, Medical Robotic Group *Birmingham, UK*

- Derived an analytical model and created a simulation model in Matlab, of the vibration at the tip of an injection pipette.
- Implemented a computer vision algorithm based on Hough Transform to obtain a segmentation of the cell membrane and tuned a controller for a robot with 6 degrees of freedom.

TECHNICAL SKILLS

Productivity tools	**MS Project, Clickup, MS Office, Version control (git)**
Programming language	**Python, SQL**

SCHOLARSHIPS AND CONTRIBUTIONS

Imperial College London *2018*
Department of Bioengineering Bagrit scholarship for the Master of Science in Human and Biological Robotics

MARSS Conference Jul. 2018
F. Sadak, M. Saadat, A.M. Hajiyavand and G. Nomicos, 2018, Vibrational Analysis During Cell Injection in ICSI Operation

INTERESTS AND LANGUAGES

- Tennis, cycling and running.
- Following trends in robotics commercial applications, new software product for industry
- I speak **french** natively, **english** and italian proficiently.