



linkedin.com/in/lattas



github.com/lattas



alexanderlattas.com

# Alexander Lattas

Skype: a.g.lattas@live.com | +44 (0) 7828 843 534 | alexandros.lattas17@imperial.ac.uk

## Education

**Imperial College London** | PhD in Computer Science | 2019 - Present

**Subject** | Photorealistic human generation with 3D Computer Vision and Geometric Deep Learning

**Imperial College London** | MSc in Advanced Computing | 2017-2018

**Thesis** | High Resolution 3D Face Generation with Generative Adversarial Networks (Technologies: Python, Tensorflow, Graphics)

**Modules** | Advanced Statistical Machine Learning, Deep Learning, Reinforcement Learning, Computer Vision, Computational Finance

**Athens University of Economics and Business** | BSc Management Science and Technology | 2013-2017

**Thesis** | Improving control on Tensorflow low level API (Technologies: Python, C++, Tensorflow)

**Modules** | Software Engineering, Algorithms, Statistics, Databases, Business Analytics, Website Architecture, IT Systems Design

**University College London** | School of Management (Affiliate Student) | 2015 - 2016

**Modules** | Innovation Management, Project Management, Corporate Financial Strategy, Digital Marketing, Organizational Psychology

## Work Experience

**3D Computer Vision Scientist** | Facesoft | April 2019 - Present

Researching ways which Artificial Intelligence can generate photorealistic humans for AR and VR. (facesoft.io)

Technologies: Python, Tensorflow, PyTorch, 3D Graphics, Stereo Reconstruction, Photogrammetry

**Computer Vision Scientist / Research Assistant** | Facesoft / Imperial College London | July 2018 - March 2019

Creating the largest database of photorealistic high-resolution 3D human faces.

Technologies: Python, Tensorflow, 3D Graphics, Stereo Reconstruction, Photogrammetry

**Technical Consultant Intern** | Oracle | March 2017 - May 2017

Customised Oracle Access Manager for three customers by creating Java plug-ins, Servlets and branded pages. Presented practical tutorials and for Oracle's Machine Learning powered cloud security platform to high officers. (oracle.com)

Technologies: Java, JSP, UNIX, AWS, Cloud Security, Paas / IaaS / SaaS services

**Software Engineering Research Associate** | Business Analytics Lab | July 2016 - June 2018

Undertaken three projects, under the guidance of Prof. D. Spinellis. Subjects: memory forensics, data-driven history of UNIX security and data-driven software engineering (paper accepted, ICSE 2018). (balab.aueb.gr)

Technologies: Python, scikit-learn, custom UNIX Kernels, C, memory maps, git

## Achievements

**Postgraduate Scholarship 2017-2018** | Hellenic Petroleum

Postgraduate scholarship of £24,000, for studies in Advanced Computing at Imperial College London (1 out of 7 total).

**Social Impact Award 2014** | Impact Hub Athens

With Blood-e, a novel platform facilitating blood donation by linking donors to those in need (1 out of 3 total). (bloode.org)

**5 Honorary Distinctions** | Athens University of Economics and business

Awarded by AUEB during my Bachelor's for academic performance, entrepreneurship endeavours and exceptional projects.