

Christos Karageorgiou Kaneen

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EDUCATION

- **Technical University of Crete** Chania, GR
M.Eng., Electrical & Computer Engineering (ECE), School of ECE
Thesis: “Methodology for designing GDPR compliant IoT applications”
Sept. 2014 - Dec. 2019
- **University of Crete** Heraklion, GR
MSc., Neuroscience, School of Medicine
Oct. 2021 - Oct. 2023 (expected)

UPCOMING

- **Kording Lab, University of Pennsylvania** Philadelphia, USA
Computational Neuroscience Researcher (Visiting Scholar, rotation)
Dec. 2022 - March 2023

ACADEMIC EXPERIENCE

- **Poirazi Lab, IMBB-FoRTH** Heraklion, GR
Computational Neuroscience Researcher (rotation)
July 2022 - (ongoing)

WORK EXPERIENCE

- **mist.io** Remote
Software and Infrastructure Engineer
April 2021 - July 2022
Developed features and fixed issues having to do with machines, stacks, networks, scripts and other resources managed by the platform (mainly within the *api* and *tests* submodules of both community and enterprise editions). I also had the chance to work on outlining and implementing the API and functional tests of a distributed micro-services project written in Go for a big networks client company. See [some of my commits to the community edition \(mist-ce\)](#).
- **Humboldt University of Berlin** Remote
Software and Hardware Engineer
Jan. 2021 - Aug. 2021
Implemented a Python prototype of an experimental neuroscience protocol for the Larkum and Kremkow labs. This work, done on a very part-time basis (mostly during weekends), was based on previous work. See [Volunteer Experience](#) and [airtrack](#).
- **GRNET (Greek Research & Technology Network)** Remote
Software Engineer and Maintainer
May 2020 - April 2021
Contributed to reducing Greece’s public sector bureaucracy: built, alongside one lead developer, the v1 of the [National Registry of Public Services](#) (Εθνικό Μητρώο Διαδικασιών). See [diavlos](#).
- **Myrmex** Athens, GR
Software Engineer
Sept. 2019 - March 2020
 - **Power monitor application:** Implemented a real-time GUI that displays the current battery state of each running robot.
 - **gRPC clients:** Implemented Python gRPC client proxies for the APIs of two key system components.
 - **Bug-reporting tool:** Implemented a bug-reporting automation tool for gathering diagnostics for whenever a bug or problem occurred. This tool decreased the time required for data collection: from >20min. to 10-15sec.

INTERNSHIP EXPERIENCE

- **Technical University of Crete** Chania, GR
Network Administration Intern
Nov. 2018 - June 2019
 - Learned to do various system and network administration tasks.
 - Secured network printers, etc.

- Read the *UNIX and Linux System Administration Handbook* while staring out the window.

- **Oracle**

Database Administration Intern

Athens, GR

Oct. 2018 - Nov. 2018

- Familiarized myself with Oracle DB 12c internals and did day-to-day DBA tasks.
- Brushed up (PL/)SQL skills.

- **Google Summer of Code**

Independent Software Developer

Athens, GR

May 2018 - Sept. 2018

Using NLP and ML techniques, I implemented a tool for the **Open Technologies Alliance (GFOSS)** that extracts Responsibilities assigned to Public Administration Organizations from Greece's Official Government Gazette documents. See [ggx](#).

- **Open Lab Athens**

Software Engineering Intern

Athens, GR

July 2017 - Sept. 2017

- Debugged the beta version of the *Iris SMS* Android app.
- Implemented a smart pen (**Neo N2**) UI in C# for getting stats and syncing form data.

VOLUNTEER EXPERIENCE

- **Poirazi Lab, IMBB-FoRTH**

Software Engineer

Remote

July 2020 - May 2021

Worked on PyBpod, the Python implementation of the Bpod, a system for precise measurement of small animal behavior. This was undertaken in my free time to support research at the Poirazi (Dendrites) lab and other labs, worldwide. See [pybpod](#).

PUBLICATIONS

1. C.K. Kaneen, “*Methodology for designing GDPR compliant IoT applications*”, Diploma Work, School of Electrical and Computer Engineering, Technical University of Crete, Chania, Greece, 2019 (<https://doi.org/10.26233/heallink.tuc.84151>)
2. C.K. Kaneen, E.G.M. Petrakis, “*Towards evaluating GDPR compliance in IoT applications*”, Procedia Computer Science, Volume 176, 2020, Pages 2989-2998 (<https://doi.org/10.1016/j.procs.2020.09.204>)