Angeleene Ang (אנג'לין אנג)

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Adept at adapting, resourceful, motivated self-learner with four years of academic research experience; looking for my first industry job as an **Academic Editor**

# Experience

**2017 - 2020**

1. **Research Assistant,** [**Ben-Gurion University of the Negev**](https://in.bgu.ac.il/Pages/default.aspx)**, Israel**

* Developing and handling complex scientific workflows for designing optical systems and data post-processing using **Python** and **Matlab.** Writing accompanying usage instructions.
* Planning a four-year research proposal, complete with a timeline and relevant background information from scientific literature. Preparing and submitting progress reports regularly
* Modelling and rendering artistic illustrations of scientific phenomena using **Blender** and **Inkscape**. Coached colleagues whose native language was not English towards their writing and edited scientific and technical manuscripts
* Assisting in the preparation and writing the scientific background of a grant proposal on a waveguide concept for on-chip rotation of polarization.
* Working and multitasking on a variety of projects, usually alone but sometimes in collaboration with a multidisciplinary research group. Managing and prioritizing tasks as dictated by deadlines and resource limitations.
* Providing recommendations for future work in order to advance the research. Addressing peer reviewers regarding what they think are the gaps in the work.

1. Associated Publications: [in Optics Letters](https://doi.org/10.1364/OL.394557), [Nanoscale Advances](https://doi.org/10.1039/C9NA00759H), and [Scientific Reports](https://doi.org/10.1038/s41598-018-20224-4)

**2016 - 2017**

1. **Engineer (Research student),** [**ITMO University**](https://physics.itmo.ru/en/study/nanophotonics-and-metamaterials)**, St. Petersburg Russia**

* Travelling to, attending, and presenting in international meetings, conferences, and workshops on a variety of technical topics, finding novel ways to apply methods to improve existing processes.
* Corresponding with a researcher in the University of Central Florida through a remote set-up.

1. Published Research: [Scattering Forces within a Left-Handed Photonic Crystal](https://doi.org/10.1038/srep41014)

# Education

**2015 - 2017**

M.Sc., Photonics and Optical Information Technologies, [ITMO University](https://physics.itmo.ru/en/study/nanophotonics-and-metamaterials), Russia.  
A National Research University in St. Petersburg, ranked #=360 in the QS World University Rankings 2021

**2010 - 2015**

B.Sc., Physics, [Ateneo de Manila University](https://www.ateneo.edu/ls/sose/physics), Philippines.

One of the top private universities in the Philippines, ranked #124 in the QS Asia University Rankings 2020

**Professional Interests:** Linux, Programming (C++, Fortran, R), machine learning, statistics

**Full publication list**: <https://scholar.google.co.il/citations?user=nXhYvwcAAAAJ>

**Languages**: English (technical fluency, native speaking and writing), Filipino (conversational)