

# Anna Zapaishchykova

Baltimore, MA

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**Languages & Software:** Python, C#, Unity, Slicer 3D

## EDUCATION

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### John Hopkins University

*Master thesis*

Baltimore, MA

*Mar 2020 - Now*

### Technical University of Munich

*Master of Science in Biomedical Computing*

Munich, Germany

*Sep 2018 - Now*

### National Technical University of Ukraine "Kyiv Politechnic Institute"

*Bachelor of Science in Computer Engineering*

Kyiv, Ukraine

*Sep 2013 - Jun 2017*

## EXPERIENCE

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### Research group MITI, Klinikum rechts der Isar, TUM

*Research assistant*

Munich, Germany

*Jan 2019 - Feb 2020*

Key tools: Keras, Python, Matlab, Docker, Git

- Worked on phase prediction task in laparoscopic surgery and implemented SoA Deep Learning architectures such as ResNetv2-50 into the operating room.
- Improved data collection in the operating room.

### CCI-interactive

*Robotic process automation engineer*

Kyiv, Ukraine

*Mar 2018 - Sep 2018*

Key tools: BluePrism, UIPath

- Worked as a process automation engineer in one of the biggest banks in Ukraine.
- Certified BluePrism developer.

### 1+1 Media

*Finance Analyst*

Kyiv, Ukraine

*Nov 2016 - Mar 2018*

Key tools: VBA, MS Excel, MySQL

- Was responsible for the budget of one of the main TV-channels in Ukraine.
- Successfully created and maintained VBA scripts, reduced amount of routine work.

### Kodisoft

*Software Developer*

Kyiv, Ukraine

*Jan 2015 - Nov 2016*

Key tools: C#, G-codes, CNC-machines programming

- Created a software for generating machine G-codes.
- Successfully conducted "Internship-2016", interviewed prospective students.

## EXTRACURRICULAR ACTIVITIES

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### Hackathons

- **AIBoost DataScientarium Kyiv 2017 - 1st place:** Implemented DL-based online doctor chat with a team of 3 developers in 48 hours.

### Certifications & Scholarships

- **PROMOS Scholarship 2020:** Awarded for a stay abroad for writing Master thesis.
- **MedInnovate program graduate 2020:** Learned how to successfully identify unmet clinical needs within the clinical routine, as a result created a VR product for Multiple Sclerosis patients <http://www.viz.care>
- **Lviv Data Science Summer School 2017:** Completed intensive 2 week training in Data Science, as a final project worked on "Alzheimer disease conversion prediction".

### Other

- **Languages:** English(TOEFL-98), Ukrainian(bilingual), Russian(bilingual), German(B2)
- **Interests:** Medical field, neurodegenerative diseases and computer aided procedures