

# Ivan Fomenko

Github: <https://github.com/bikepatch>

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## EMPLOYMENT

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- **Tele2 internship** Saint-Petersburg, Russia  
*QA engineer, test automation*  
Feb 2022 - Sep 2022
  - With team moved the whole testing project to 3tier structure so as to increase testing efficiency:
  - Fixed a number of bugs in Number rotation tests:
  - Discovered a lot of bugs to be fixed:

## EDUCATION

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- **Physical Technical High School** Saint-Petersburg, Russia  
*Secondary education.*  
Sep 2014 - Jun 2019
- **ITMO University** Saint-Petersburg, Russia  
*Bachelor's in Computer Science on Faculty of Infocommunication technologies.*  
Sep 2019 - Jun 2023
- **Neapolis University** Paphos, Cyprus  
*Bachelor's in Applied Computer Science.*  
Feb 2023 - present

## TECHNICAL EXPERIENCE

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- **Higher School of Economics Project** Saint-Petersburg, Russia  
*Programmer*  
Spring 2020
  - **Crypto plugin:** Plugin for Google that allows to sign zip and check if received one has correct certificate. Implemented certificate part on C++
- **ITMO University Projects** Saint-Petersburg, Russia  
*Programmer*  
Spring 2022 - Spring 2023
  - **Research for Optics museum :** Created map of most visited and not places in the museum with videos collected via museum's cameras. All the videos were processed with machine learning. I used YOLO model and opencv to collect overtime human coordinates on the frame so as to detect most unpopular showpieces
  - **Backend course project:** Implemented server part of booking service with Typescript and Node.js
  - **ITMO Bachelor's Thesis:** Implemented Trello-like app for project management using Scrum and Kanban principles
- **Physical Technical High School Project** Saint-Petersburg, Russia  
*Programmer*  
Winter 2018 - Winter 2019
  - **Duckietown :** Passed practice in duckietown that ended with working version of duckie car, that correctly moved around duckie city

## SKILLS SUMMARY

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- **Languages:** English - C1, French - A2
- **Coding Languages:** Java, Kotlin, Python, Javascript, Typescript, SQL, C, C++, HTML(+CSS), Rust, Assembly
- **Tools:** IntelliJ IDEA, Unity, Spring framework, Maven, Git, MySQL, Linux terminal(Bash scripts), Docker, Node.js, Vue.js, Jenkins, Browserstack, postgresql, Django
- **Other:** Algorithms and data structures, OOP, Linear Algebra and Geometry, Databases, Discrete Math, Statistics, Machine Learning, Compilers

## PERSONAL QUALITIES AND ACTIVITIES

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- **Qualities:** Humor and self-irony, creativity, honesty, responsibility
- **Extracurricular activity:** Played in the school theatre for three years and organized activities there, during the studies I was the operator of many videos for various holidays, photography, screenwriting