

Mykola Nechyporuk
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EDUCATION

- **University of Bristol** Bristol, UK
MEng Computer Science 2019 - 2023
 - **First year:** 88%
 - **Computer Science Society:** President
- **The Cherwell School** Oxford, UK
A Levels 2017 - 2019
 - **A*A*AAB:** Mathematics, Russian, Computer Science, Physics, Further Mathematics

SKILLS

Languages Python, Haskell, Go / Golang, JavaScript, C, C#, Java (decreasing preference)

Technologies Vue.js, React JS, Git, Github, Jira, Docker, Flask, Microsoft bot framework

Fluent in English, Ukrainian, Russian

EXPERIENCE

- **Software Engineering Intern** London, UK
Commerzbank AG June. 2020 - Sep. 2020
 - Developed React frontend for application to retrieve, view and edit nested bond information
 - Developed full-stack log monitor using React & Go for at-a-glance performance/health analysis
 - Used WebSockets & React-vis to display graphs of real-time data streams
 - Led to wider adoption of cloud technologies throughout bank as a result of presentations, proof-of-concept work and creation of documentation & tutorials as part of my team
- **Software Development Intern** Oxford, UK
Oxford Economics July. 2018 - Aug. 2018
 - Analyzed use cases for and developed C# Microsoft bot framework chatbot that presented economic reports & articles in chat, queried APIs and parsed the responses
 - Demonstration of project prompted the implementation of a server-side graph rendering service
 - Implemented spell check functionality by integrating a search engine, reducing invalid requests
- **Intern** Oxford, UK
CodeRobin (Part-time) Aug. 2019 - Sep. 2019
 - Led distributed team of 2 through part of Google's Widevine L1 certification process for an android tablet
 - Worked remotely, planned sprints, conducted daily stand-ups & sprint reviews
- **QA Automation Work Experience** Copenhagen, Denmark
Visma Aug. 2018 - Aug. 2018
 - Wrote unit tests using Nightwatch.js, extending coverage to 3 more web pages (views)

PROJECTS

- **Reaction Training Game** github.com/MechyKola/ClickingCircles
SPA Web App + RESTful API <https://clickyeet.herokuapp.com/>
 - Single page application developed in Vue.js with Vuex & Vuetify.js
 - RESTful API written in Python with Flask and SQLAlchemy, manages user data & settings in a Heroku Postgres Database, checks passwords against hashes and calculates scores

ACHIEVEMENTS

Brishack 20 Environmental Category Winning Team

Facebook UK & Ireland Hack 2020 Selected to participate

British Mathematical Olympiad 2018-19 Merit

Cherwell Debating Competition 2018 Finalist, ranked 3rd out of 16

UK Maths Challenge 5 Gold awards