

EDUCATION

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

SKILLS

Languages Python (regularly use); C, JavaScript, Haskell, C#, Java (previously used)

Technologies Vue.js, Git, Github, Flask, Microsoft bot framework (previously used)

Fluent in English, Ukrainian, Russian

EXPERIENCE

- **Software Development Intern** Oxford, UK
Oxford Economics July. 2018 - Aug. 2018
 - Developed a C# Microsoft bot framework chatbot that presented economic reports and articles in chat, performing asynchronous requests to relevant APIs, and parsing tables and articles in the response into an easy to read format
 - Demonstration of completed project prompted the implementation of a server-side graph rendering service
 - Implemented spell check functionality by integrating a search engine, reducing invalid requests
 - Analyzed use cases and documented project start to finish, developing it using an agile approach
- **Intern** Oxford, UK
CodeRobin Aug. 2019 - Sep. 2019
 - Led a distributed team of 2 through part of Google's Widevine L1 certification process for an android tablet
 - Gained first hand experience working remotely, planning sprints, conducting daily stand-ups and performing 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)
- **Research Work Experience** Oxford, UK
Kennedy Institute of Rheumatology July. 2018 - July. 2018
 - Captured photographs of cells, analysed them using Fiji and conducted hypothesis testing after processing data through Excel

PROJECTS

- **Reaction Training Game** github.com/MechyKola/ClickingCircles
SPA Web App + RESTful API <https://clickyeet.herokuapp.com/>
 - Single page application developed in Vue.js, using Vuex for global state management, and Vuetify.js for a consistent material design user experience
 - RESTful API written in Python with Flask and SQLAlchemy, manages user data and settings in a Heroku Postgres Database, checks passwords against hashes and calculates scores
 - Game component requires user to click circles as fast as possible, responds with a bar graph of subscores

ACHIEVEMENTS

Brishack 20 Environmental Category Winning Team

British Mathematical Olympiad 2018-19 Merit

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

UK Maths Challenge 5 Gold awards