

EDUCATION

- **University of Bristol** Bristol, UK
MEng (Hons) Computer Science 2019 - 2023
 - **First year:** 88% overall (First Class); 98% in Functional Programming, 79% in Imperative Programming
 - **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, JavaScript, C, C#, Go / Golang, Haskell, Java (order of descending proficiency)

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

Fluent in English, Ukrainian, Russian

TECHNICAL EXPERIENCE

- **Software Engineering Intern** London, UK
Commerzbank AG June. 2020 - Sep. 2020
 - Developed React frontend for application that retrieves, views and edits 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
 - Developed & Analyzed use cases for chatbot that queried APIs and presented economic reports in chat
 - 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

LEADERSHIP EXPERIENCE

- **President** Bristol, UK
University of Bristol Computer Science Society Jun. 2020 - Present
 - Oversaw handover and student union re-affiliation for a 13-strong committee
- **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 & weekly sprint reviews

PROJECTS

- **Sketch**
Imperative Programming (C) Coursework
 - Wrote a program to convert between PGM (grey map) and a custom "Sketch" (vector) format, with unit tests
- **Reaction Training Game** github.com/MechyKola/ClickingCircles
Game with account system, scoring, player ranking https://clickyeet.herokuapp.com/
 - Vue.js, Vuex & Vuetify.js SPA web app frontend, Python & Flask API, Heroku Postgres Database

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