Mykola Nechyporuk

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EDUCATION

- **University of Bristol** — Bristol, UK
  MEng Computer Science — *2019 - 2023*
  - **First year**: 88%
  - **Computer Science Society**: President
  - **UkrSoc**: Social Secretary

- **The Cherwell School** — Oxford, UK
  A Levels — *2017 - 2019*
  - **A*A*AAB**: Mathematics, Russian, Computer Science, Physics, Further Mathematics

SKILLS

Languages Python, C, Haskell, JavaScript, Go (Golang), C#, Java (decreasing preference)
Technologies Vue.js, React JS, Git, Github, Docker, Flask, Microsoft bot framework, Jira
Fluent in English, Ukrainian, Russian

EXPERIENCE

- **Software Engineering Intern** — London, UK
  Commerzbank AG — *June. 2020 - Present*
  - Developed a React application to retrieve, view and edit bond information
  - Used websockets and React-vis to display graphs of real time data streams
  - Created a full stack logs monitor using Go and React, allowing at-a-glance performance monitoring

- **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
  - 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

- **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)

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 and Vuetify.js
  - 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

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