Mykola Nechyporuk
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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

- **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 — Jun. 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 — Jul. 2018 - Aug. 2018
  - Developed & Analyzed use cases for chatbot that queried APIs and presented economic reports in chat
  - 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
  - Initiated collaboration with EWB UCL and the University of Cambridge Competitive Programming Society

- **Intern** — Oxford, UK
  CodeRobin (Part-time, Remote) — Aug. 2019 - Sep. 2019
  - Led distributed team of 2 through part of Google's Widevine L1 certification process for an android tablet

PROJECTS

- **Reaction Training Game** — github.com/MechyKola/ClickingCircles
  Game with account system, scoring, player ranking — *https://clickyeet.herokuapp.com/*
  - Vue.js, Vuex & Vuetify.js web app frontend, Python & Flask API, Heroku Postgres Database

- **Sketch** — github.com/MechyKola/Sketch
  Imperative Programming (C) Coursework
  - Wrote a program to convert between PGM (grey map) and a custom "Sketch" (vector) format, with unit tests

ACHIEVEMENTS

Bris Hack 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