

GEORGE UNGUREANU - VRANCEANU

304 Barandon Walk ◊ Notting Hill, London, W11 1WH
+40756503015 ◊ gu119@ic.ac.uk ◊ <https://gungy2.github.io>

EDUCATION

- Imperial College London** 2019 - 2023
MEng Computing London, UK
- Year 2 (79.5%, First Class): Built a simple OS with scheduling and user programs, a compiler for a simple programming language and a mobile app that helps pregnant women manage their pregnancy
 - Year 1 (84.1%, First Class, *Dean's list*): Built an ARM11 emulator, assembler and debugger
- National College "Gh. Vranceanu"** 2015 - 2019
High School (Mathematics and Computer Science) Bacau, Romania
- 4-time contestant in the Romanian National Mathematical Olympiad (2016 - Honorable Mention, 12th in the country)
 - Overall: 100%

EXPERIENCE

- Imperial College London** October 2021 - Present
Undergraduate Teaching Assistant London, UK
- Help 12 first year students with modules related to Maths, such as *Graphs and Algorithms* and *Program Reasoning* in a weekly tutorial

VOLUNTEERING

- ICHack 2020** February 2020
Staff member
- Help organizing the biggest student hackathon in the UK

NOTABLE PROJECTS

- Monaid - Github**
- A cross-platform desktop application, that helps users manage their finances by keeping track of their transactions and presenting meaningful statistics
 - Technologies: Electron.js, React, TypeScript, D3.js, Webpack, HTML5, SASS
- FetoLife**
- A mobile application, created as a 4-group, human-centered project, designed to help pregnant women connect with their doctors and midwife; they can chat with them, send weekly reports, and get notified when something might be wrong with their pregnancy
 - Technologies: Flutter, Dart, Flask, Python, REST, PostgreSQL
- Pseudocode Interpreter - Github**
- A low-level interpreter for a pseudocode-like language, created for teaching basic programming in Romanian high schools, featured in the *official repository of Nom*
 - Technologies: Rust, Nom

TECHNICAL STRENGTHS

Programming Languages	Java, Python, C, Rust, Haskell, JS, TypeScript, Kotlin, SQL, Solidity
Technologies	Experienced with Git, React, Electron.js, Flask, Node.js, GraphQL
Languages	English (Proficient), Romanian (Native), French (Basic)