

STAN OSIPENKO

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PROFILE

I'm passionate about software engineering and game programming. I am also very enthusiastic about opening up access to education. I currently work part-time at non-profit education companies teaching Python, Scratch, and Web Design.

EXPERIENCE

Chocolate Minds – 2020-Present

[Chocolate Minds](#) is a non-profit education company designed teaching Python, HTML, and Scratch. While teaching I also designed Python courses. Being one of the first teachers there meant I was able to design and deliver free programming classes for children of key workers in response to the coronavirus pandemic.

Private Tutor – 2019-Present

During weekly sessions we often work through [LeetCode](#) problems or similar so that the students can improve their practical skills.

Codelab / Imperial College London – 2018-Present

[Codelab](#) is a project of the department of computing providing opportunities to less fortunate kids to learn computing and programming skills. I initially started as a teaching assistant, but over the course of 2019 I took on more organisation and management roles, becoming a teacher as of October 2019.

EDUCATION

Latymer Upper, London, UK – Secondary / High School: Academic Mentor: Mandarin & Computing. Graduating: 2022.

Cyber Security Course: Studied Cyber Security To 1st Year Level

Funtech PureCoder 1-3 Course (3 years): C#, Java, Web Dev, OOP, Stacks, Big O Notation, MySQL, jQuery.

Studying A-levels: Maths, Further Maths, Physics, Computing.

SKILLS

Languages: Proficient: C++, JS, Python, Lua. **Competent:** C, C#, Bash.

Software Engineering: Making software for more than 4 Years using Python, Node.js, & Bash.

Game Programming: Made over 50 games using C, C++, JS, & Lua.

Teaching: Teaching for more than 2 years (150+ Hours). Using differentiated online & in person methods for ages 6-17.

PROJECTS:

Unnamed: OpenGL shader supporting multiple light sources and colors.

A*: A* pathfinding algorithm in Python.

Traffic Simulation: Oversimplified traffic simulation in Lua.

More at [stan.xyz/projects](#) or [Github](#).

OTHER

- Winner of debating competition (DebateMate Competition: 300+ people).
- **Russian:** Fluent, GCSE A*. **Mandarin:** HSK 2.
- **UKMT Maths Challenge:** 3x gold award.
- **Clarinet:** Grade 8 (Highest).
- Kick Boxing, Jiu Jitsu.