

# STAN OSIPENKO

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## PROFILE

Passionate learner of software engineering & electronics with 4+ years of making software in C, C++, Python, Lua, Node.js, & Bash. Enthusiastic programming tutor with 400+ hours of teaching Python, Lua, Scratch, Javascript, & HTML.

## EXPERIENCE

### [Blueshift Coding](#)

Feb 2021 - Present

Teaching large group sizes (8+) of 8-13 year-olds. Lua and Javascript.

### [Flashpoint VC](#)

Jun 2020 - Aug 2020

Learned the basics of the VC industry and round B / C financing. Conducted target screening in the gaming space and last-mile journey companies. Wrote SQL scripts to better filter through Crunchbase databases.

### [Chocolate Minds](#)

Mar 2020 - Oct 2020

Designed and taught Python courses. Delivered free programming classes for children of key workers during lockdown.

### [Private Tutor](#)

Sep 2019 - Sep 2020

Taught a group of 5 in weekly sessions, doing [LeetCode](#), [CodinGame](#), Also taught Computing GCSE. [Reference](#) from parent.

### [Codelab / Imperial College London](#)

Sep 2018 - Sep 2020

Started as teaching assistant, progressed to teacher position within 1 year. Only non-university student in the teaching group ever.

## EDUCATION

**Carnegie Mellon University:** Computer Science, Class 2026.

**Latymer Upper School - High School:** Academic Mentor: Mandarin & Computing.

**A-levels:** Maths, Further Maths, Physics, Computing, Business Studies, & Statistics.

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

**CS50 Harvard:** Harvard's 12-week introductory computer science course. [Certificate](#).

## PROJECTS

**[Aseprite Loader](#):** Library for game developers loading custom file format .ase. (C++, 59 stars).

**[Love-Export](#):** Automated export of LOVE2D Framework applications (Bash, 40 stars).

**[Powerpoint Generator](#):** Generating powerpoints from note-form files. (Python, 13 stars).

**[A\\*](#):** A\* pathfinding algorithm (Python).

**[Net-Pong](#):** Online pong with custom networking (C++).

**[Traffic Simulator](#):** Simplified traffic simulation (Lua).

**[Game Jam "Hackathon"](#):** Team of 6 coordinating between time zones in a 72 hour "hackathon" (C#).

## OTHER

- **CodinGame (competitive online coding):** Ranked top 500 consistently out of 220,000 for over a year.
- **Russian:** GCSE A\* + TORFL B1. **Mandarin:** Conversant, HSK 3.
- **Debating:** DebateMate Competition Winner (300+ participants). Member of the school debating club.
- **Maths:** UKMT Maths Challenge: 3x Gold Medals, 2x Kangaroo. Top maths class for 5 years.
- **Clarinet:** Grade 8 (Highest), Grade 5 Jazz (Highest).
- **Sports:** Kickboxing >4 years. Jiu-Jitsu blue belt.