

Timothy Langer

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I am a student interested in computer science and its business applications looking to secure an internship where I can use my experience to help an innovative company.

EDUCATION

- **Imperial College** London, UK
BEng Computer Science Oct 2022 – June 2025 (Exp.)
- **St Paul's School** London, UK
*A Level: A*A*A*A*A* in Maths, Further Maths, Russian, Chemistry, Computer Science*
*GCSE: Eleven 9s (A** equivalent), including Art and Computer Science* Sep 2011 – July 2022

AWARDS

- Best in school in [Advent of Code](#) competition Dec 2020
- SPS Gluckstein Prize for Computer Science Jun 2021 & May 2022
- Placed 3rd in IC Hack 'Sustainable Future' category Feb 2023

SKILLS

- **Programming Languages:** Python // Java // Kotlin // Bash // HTML+CSS
- **Software:** Android // Linux // Git // \LaTeX // Docker // Apache

EXPERIENCE

- **Sentiment Investor** Summer 2021
Rewrote user-facing Python library. Integrated Sentiment's services into the open source investment research environment [OpenBB Terminal](#). Added NodeJS server-side response validation and testing to the REST API. Deployed a Docker swarm of Twitter scraper bots.
- **Cesanta IoT** Oct 2017
Worked with the Cesanta team to develop an app for customers to configure Wi-Fi on Bluetooth-enabled Mongoose OS IoT devices using an Android phone instead of the command line.

PROJECTS

- **Personal website** 2017 – present
Host my personal website on an Ubuntu server. Migrated from Apache & Wordpress to Nginx and Traefik with static site generator. Manage and configure Docker, OpenVPN, Bitwarden & RAID. Proxy traffic through Cloudflare and secure with Let's Encrypt.
- **Ocquarium** 2017 – present
Developed an Android application involving a friendly octopus, that can be customised by the user and set as a screensaver or live wallpaper; it has 40 000+ downloads on the Google Play store.
- **Nero** 2021 – 2022
Developed an Android application to track rowing sessions, performing time series analysis on accelerometer data to extract rowing-specific metrics such as stroke rate for instant feedback.

OTHER

- **Languages:** English (native), Russian (native), French (intermediate), Italian (intermediate)
- **Hobbies:** Competitive rowing (national record-holder), cycling, photography, ballroom dance, gardening, painting, digital art using graphics tablet

LINKS

Hyperlinks are highlighted in blue and clickable. In case of printing, the links are typed out below.

- My personal website: <https://zeevox.net>
- My GitHub profile: <https://github.com/ZeevoX>
- Sentiment Investor: <https://www.linkedin.com/company/sentimentinvestor/>
- OpenBB Terminal: <https://openbb.co/>
- Ocquarium: <https://github.com/ZeevoX/Ocquarium>
- Secure: <https://github.com/ZeevoX/Secure>
- Nero: <https://github.com/ZeevoX/nearow>
- Advent of Code: <https://adventofcode.com/2020/about>
- Cesanta IoT: <https://mongoose-os.com/>