

# Giuseppe Stelluto

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**EDUCATION** UWC Changshu China,  
International Baccalaureate (IB), graduated May 2018.

Studied at a Higher Level (HL):

- Philosophy
- Further Mathematics
- Physics

Studied at a Standard Level (SL):

- Italian Literature
- History
- Chinese ab Initio

**LANGUAGES  
AND  
TECHNOLOGIES**

**Fluent**

**Intermediate**

**Used**

- |                          |             |              |                 |
|--------------------------|-------------|--------------|-----------------|
| • Clojure                | • Bash      | • Unix tools | • Android       |
| • Python                 | • VueJS     | • Java       | • Scheme (SICP) |
| • Javascript             | • Bootstrap | • C          | • Rust          |
| • RegEx                  | • NodeJS    | • Flask      | • VimL          |
| • HTML5 & CSS3 /<br>SCSS | • GNU Make  | • $\LaTeX$   |                 |

**OTHER SKILLS** In addition to the normal High School mathematics curriculum, I have studied: ◦ Linear Algebra ◦ Graph Theory ◦ Group Theory ◦ Number theory (esp. primality testing) ◦ (basic) Logic ◦ Statistics  
I have a solid grasp of the theory and am comfortable applying it in practical Computer Science.

**PROJECTS &  
ACTIVITIES** These are some projects I worked on within the past few years:

**Kinese (github)** {Clojure + ClojureScript + Reagent}  
A webapp for Mandarin learners that lets the user interactively engage with texts with automatic dictionary-lookup, word segmentation, and accurate tone coloring. Hosted online at [kinese.gstelluto.com](http://kinese.gstelluto.com)

**KISS (Android launcher) (github)** {Android Java}  
Contributed to KISS, an OSS Android Launcher that aims to keep it simple and light. I improved the search engine and alias database routines.

**Hookups@csc (github)** {NodeJS, Bootstrap, and a lot of websockets}  
A pair programming effort to bring a meetup/dating social network to the UWC CSC campus. In between a technological and social experiment and a joke, the school loved it in the only weekend when it was open.

**webcomplete.vim (github)** {Python + WebExt}  
A VIM plugin that fetches autocomplete sources from a running browser instance.

## Web design

I designed several websites, including a Chinese NGO landing page and a hostel contact website, but also a prototype for a forum/project-showcase for my school's campus ([github](#)).

## Dotfiles email server ([github](#))

{bash, archiso, Postfix + Dovecot}

Arch Linux is my daily driver. I accumulated hundreds of lines of code in my configuration. I also run my own email server on a GNU/Linux VPS at [mail.gstelluto.com](mailto:mail.gstelluto.com)

## China Thinks Big

I was head of research of *AIR*, Global Finalist group in the China Thinks Big contest. We researched the ethical implications of AI and promoted awareness of the topic in China.

## Other

Other smaller projects include:

- **pass-diceware** ([github](#)), an extension to zx2c4's "pass" to generate passwords using the diceware method
- **paperss**, an old-timey RSS reader that typeset the fetched articles in  $\text{\LaTeX}$  and produces a ready-to-print PDF
- **cscalendar** ([github](#)), an automated calendar generation for the strange dual looping school schedule in UWCCSC
- **HTMLIKE**, an in-browser prototype for a graphical roguelike game
- A 16-bit Brainfuck interpreter written in Clojure
- **crispy-static-blog** ([github](#)), A super-simple static blog generator written overnight with Python and Jinja2
- **Batnet** ([github](#)), a naïve non-aggressive botnet written to learn Rust

## INTERESTS & OTHER

I spend my time programming and philosophizing about pointless metaphysics topic — mainly waging war to the windmills of post-modernism — or slightly less pointless politics and ethics.

I get as involved as I can in school politics. I have been a student representative since I can remember it; I care about the communities I'm a part of, and I do what I can to help. In my last year at UWC CSC, I drafted and passed three detailed policies and redefined the role of the Student Council.

To relax, I sail or read everything I can get my hands on. I travel as much as I can, sometimes on a shoestring.