

# Zane Sterling

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## SUMMARY

Software engineer, student of everything, and frequent mentor in math, physics, and computer science. Coach and representative of Stony Brook University at Major League Hacking.

## SKILLS

- Linux
- Java
- JavaScript
- Steganography
- C
- Git
- Python
- Robotics
- Milling

## EXPERIENCE

**StuyPulse** 09 / 2011 - 06 / 2014

Programmer, Operator, and Machinist

I was part of StuyPulse, Stuyvesant High School's award-winning FIRST robotics team, for three years. For two years I was part of the Software Engineering division. In the third year I became robot Operator, and partly as a result chose to take a more physical role as Secondary Machinist. That year I also ran the pit (ie., was in charge of robot testing and repairs during competitions), which at one point entailed disassembling and reassembling half of the drivetrain in ten minutes to swap a cracked sprocket.

**Polytechnic Institute of New York University** 07 / 2013 - 07 / 2013

IT / Educator

Helping enlighten highschoolers in various fields of Information Security (eg. cryptography, steganography).

**Self-employed** 04 / 2012 - 07 / 2013

Mentor in Computer Programming

Utilizing the Minecraft API to teach Java and game programming in an entertaining fashion, with the ultimate goal of creating a complete, entertaining mod that adds to the game. Topics: Game design, object-oriented programming

## EDUCATION

**Stony Brook University** 2014 - 2018

Bachelor of Science (B.S.) , Computer Science

**Stuyvesant High School** 2010 - 2014

## INTERESTS

Computer programming, electrical engineering, computer security, bicycling, soccer, mechanical engineering