

Yi Zong Kuang

**Contact Info:**

8901 88th st Woodhaven, Queens, NY, NY 11421.

347-525-5576

[yizongk@gmail.com](mailto:yizongk@gmail.com)

**Github Info (A list of Personal/School Projects):**

<https://github.com/yizongk>

**Personal Info:**

DOB: 3/1/1997

Place of Birth: Zhu Hai, China.

Citizenship: American

Gender: Male

**Employment History:**

(2010-2011) Computer IT:

- CompTIA A+ certified (former, have not renew)
- Familiar with computer hardware, specs.
- Built computers for customers.
- Set up networks for customers.
- Familiar with spec needed for training a translation system.

**Education:**

(2011-2015) Baruch College Campus High School

- Graduated with a honor's diploma.

(2015-now) Hunter College Computer Science Major:

- CS135: Concentrates on problem-solving techniques using C++.
- CS150: Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
- CS235: Representation of information in computers, including process and data abstraction techniques. Topic covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms, and some searching and sorting algorithms.
- CS260: Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
- CS335: The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

- STAT213: Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction.

(2016-2017) Statistical Machine Translation research for Hunter College.

- Building a system for mooses that translates one language to another, using statistical methods.
- Familiar with the machines and the process it takes to train a model which is used by mooses to translate.
- Familiar with preprocessing data to certain format.

**Professional Qualifications:**

- Former CompTIA A+ certified.

**Computer Skills:**

- Familiar with programming in C++
- Have touched on Python, shell script.

**Interests:**

- Interested in developing AI for robot for space exploration.
- Interested in developing Games AI that would create a more dynamic experience by learning from input from user, and learn from it.