

# Chaojie Wang

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Blog: <http://chaojie.me/>

Github: <https://github.com/cjackie>

## EDUCATION

- Stony Brook University GPA 3.85/4.00
  - Major: Computer Engineering
  - Expected graduation date: May, 2017

Stony Brook, NY

## RELATED CLASSWORK

- CSE 214: Computer Science II, Introduction to Data Structures and Algorithms
- CSE 219: Computer Science III, Software Engineering Techniques
- CSE 306: Operating Systems
- ESE 380: Embedded Microprocessor Systems Design I
- ESE 305: Deterministic Signals and Systems
- ESE 306: Random Signals and System

## SKILLS

- Programming languages: C/C++, Python, Julia, Java, Javascript, Matlab, Assembly, VHDL.
- Analysis, machine learning and mathematical modeling.
- Web programming, AVR embedded system programming, and a little bit kernel programming.
- Tools I use: Emacs, Bash shell, Git, GDB.

## EXPERIENCE

- **Explorations in STEM** (June, 2015 – Aug, 2015) Stony Brook, NY  
*Researcher*
  - Machine learning techniques for predicting fetus health based on its heart rate
- **Advanced Cleanup Technologies** (June, 2014 – Aug, 2014) Port Washington, NY  
*Engineering Intern*
  - Create a scraping software to obtain useful information off from government website, using PhantomJS.
  - Implement a telemetry system with Arduino to monitor pipelines.

## PROJECTS

- **Drone** June, 2015 — present
  - Create a drone from scratch.
  - Team of four people.
- **Journey Through Europe** Dec, 2014
  - A strategy board game, implemented in Java. JavaFX framework was used.
- **Books Exchange Website:** Feb, 2014 — May, 2014
  - Design and implement a website for students on campus exchanging books, using Node.js, MongoDB and JQuery.