

# Naitian Zhou

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## ***Education***

### **Thomas Jefferson High School for Science and Technology (2014-2018)**

- AP Computer Science and Data Structures (Java)

## ***Experience***

### **Weyanoke Tutoring**

#### **Tutor (2015-Present)**

- Tutor third and fourth graders from Weyanoke Elementary School in math skills and concepts.

### **Dev Club**

#### **Member (2014-Present)**

#### **Guest Lecturer (2016)**

- Lectures on various technologies and services used in web and app development (Gulp, Meteor, Angular, Express)
- Gave lecture on school intranet API ([ion.tjhsst.edu/api](http://ion.tjhsst.edu/api))

### **Intermediate Computer Team**

#### **Member (2015-Present)**

- Lectures on computing principles and theories (time complexity, data structures, assembly, lisp)

## ***Projects***

### **Noteorious ([github.com/laudiacay/noteorious](https://github.com/laudiacay/noteorious))**

- HackTJ 2016 project. Browser based rich text editor that uses Markov chains to help autocomplete notes. (HTML5, CSS3, JavaScript, jQuery)

### **Clion ([github.com/naitian/clion](https://github.com/naitian/clion))**

- Command line interface for [ion.tjhsst.edu](http://ion.tjhsst.edu), TJ's intranet. (Node.js, gitlike-cli)

### **Cookie Coder ([naitian.github.io/CookieCoder](https://naitian.github.io/CookieCoder))**

- PilotDC 2015 project. Web game based on cookie clicker, with a coding twist. (HTML, CSS3, JavaScript, jQuery)

## ***Open Source Contributions***

### **Buttercup ([github.com/buttercup-pw/buttercup](https://github.com/buttercup-pw/buttercup))**

- Frequent contributor to Buttercup, a native open-source password manager built with Electron. (Backbone.js, Node.js, Electron)

### **Ion ([github.com/tjcsf/ion](https://github.com/tjcsf/ion))**

- Contributed to Ion, TJHSST's student-run intranet. (Django)

## ***Skills***

### **Front End Web Development**

- Fluent in HTML5
- Proficient in JavaScript (front-end, ES6, jQuery, Node.js)
- Familiar with JavaScript MVCs (Backbone.js, AngularJS)
- Capable in CSS (CSS3, media queries, etc)

### **Full Stack Development**

- Familiar with \*nix operating systems (Debian-based Linux, Mac OSX)
- Familiar with Python web frameworks (Django, Flask)
- Familiar with PHP and SQL (MySQL, sqlite)

### **Design and Illustration**

- Adept in vector illustration software (Adobe Illustrator, Affinity Designer)
- Proficient in Adobe Photoshop and Adobe After Effects

### **General Programming**

- Competent in Java and Python
- Proficient in use of Git and bash shell