

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)

President (2016-Present)

- Lectures on various technologies and services used in web and app development (Gulp, Meteor, Angular, Express)

Intermediate Computer Team

Member (2015-Present)

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

Student Systems Administrator

Sysadmin (2016-Present)

- Student Sysadmins manage the school intranet, workstations, etc.

Projects (more at naitian.org#projects)

Binger (github.com/naitian/Binger)

- HackUMBC 2016 project. Tinder, for movies and TV shows. (HTML5, CSS3, JavaScript, jQuery)

Noteorious (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)

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

Open Source Contributions

Buttercup (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/tjcsli/ion)

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

Skills

Front End Web Development

- Fluent in HTML5
- Proficient in JavaScript (front-end, ES2015, 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 (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