

School Address:  
2100 Jefferson Park Ave APT 1  
Charlottesville, VA 22903

**Kenneth Chen**  
[kchen.mail@icloud.com](mailto:kchen.mail@icloud.com)  
571-267-1911

Permanent Address:  
951 Preserve Ct.  
Great Falls, VA 22066

## Education

**University of Virginia School of Engineering and Applied Science** (Current GPA: 3.902)  
Computer Science and Psychology Double Major, Applied Mathematics Minor  
**Thomas Jefferson High School for Science and Technology** (Final GPA: 4.456)

Class of 2020  
2012-2016

## Technical Skills

**Programming:** Java, Python, C, C++, C#, Android, HTML, JavaScript, x86 Assembly, Go, Django  
**Software:** Windows, Microsoft Office, Eclipse, Android Studio, Mathematica, Unity, Atom, Heroku

## Work Experience

**University of Virginia Department of Computer Science**

Sept. 2017 - Present

Head Lab Teaching Assistant for CS 2110: Software Development Methods

- Help students understand lecture material and solve homework or lab assignments. Supervise lab section and assist with exam grading. As Head Lab TA, create slides and explain topics during lab, act as primary point of contact for students, enter student lab grades, setup communication with other teaching assistants. Skills Used: **Java**

**Yext Tysons Corner**

Summer 2018

Software Engineering Intern

- Built and fixed bugs on multiple client location sites based on client requests, developed and implemented automated unit testing for client site for pre-deployment verification, built slackbot to create work items efficiently. Skills Used: **HTML, CSS, Javascript, Go, Git, JIRA, Agile**

**Naval Surface Warfare Center Dahlgren Division**

Summer 2017

Computer Science Intern

- Contribute to building a simulation to test a new laser weapons system. Program in behaviors of different laser systems and environmental entities. Skills Used: **C#, Unity, Agile**

## Projects

**Textbook Marketplace**

Fall Semester 2018

Team Scrum Master

- Web application for students to buy and sell used textbooks using **Django** framework. Worked on searching and filtering and Heroku deployment. As scrum master, assigned weekly sprint work. Link: <http://textbook-finder.herokuapp.com/>

**Yext Slackbot Extension**

Summer 2018

- Created extension to existing slackbot that adds a command to create and link JIRA items within a Slack discussion thread using **Go**. Used Github libraries to integrate with Slack and JIRA APIs.

**A Bard's Tale**

Spring 2018

Senior Programmer

- Player controlled game utilizing sequences of notes to cast spells. Worked on implementing logic behind the casting of spells. Link: <https://github.com/UVASGD/spring-2018-a-bard-s-tale>

**Dusk Patrol**

Fall 2017

Senior Artificial Intelligence Programmer

- Player controlled shoot 'em up game where an airplane is able to time travel to defeat waves of enemies. Worked on the time-travel mechanic, boss design, and shooting systems. Link: <https://github.com/UVASGD/fall-2017-dusk-patrol>

## Extracurricular Activities

- **Student Game Developers:** Senior Programmer (Fall 2016 – present)  
Programmed the artificial intelligence behaviors for NPCs and enemies and implemented general features in games.
- **HackUVA:** Participant  
2017: Created a web application that uses IBM's Watson to parse scientific articles and extract key ideas, concepts, and points. Won puzzle competition. <https://github.com/rashidlasker/simplisci>  
2018: Created a web application to generate a normalized face-mask to eliminate potential machine-learning biases in video-recognition software. Won Equality Challenge. <https://github.com/rashidlasker/face-normalizer>
- **Virginia Wushu Club:** Vice President (Fall 2016 – present)  
Learn and teach others Chinese martial arts by leading practices and helping to choreograph performances.