

2650 Durant Ave  
Berkeley, CA 94720

**Zenan Han**  
zenanhan.com

han.zenan@yahoo.com  
+65 8780 4675

## Education

**University of California, Berkeley (BA)**

**Aug 2021 - Present**

- Computer Science major

## Employment

**Software Engineering Intern**

**ArcLab.io**

**Feb 2021 – July 2021**

- Worked with React, MongoDB and Node.js to improve and maintain educational web application which analyses and organizes users' learning statistics for employers to view in real-time
- Implemented new features such as template sharing, geofencing and user-customizable Open Graph settings for templates
- Spearheaded testing switch from end-to-end to integration testing with Jest and React Testing Library
- Promptly addressed production bugs in existing JavaScript architecture

## Projects

**Singapore Armed Forces (SAF) Dispersal Automator**

**Apr 2019 – Feb 2021**

- Developer and maintainer of web app simplifying SAF 8<sup>th</sup> Infantry Regiment's soldier dispersal methods | <https://dispersal-278606.web.app/>
- Utilized Distance Google Matrix API to generate public transport travel times from entered postal code to 54 SAF Camps
- Reduced time taken to gather these durations from two minutes to two seconds per postal code
- Used Angular2 for front-end, Firebase for back-end and hosting

**DeepL Texttractor**

**Nov 2020 - Present**

- Developed auto-translator leveraging DeepL's free browser translating | <https://github.com/zenanana/DeepL-Texttractor>
- Supporting 10 languages, anything copied to users' clipboards is automatically translated within 0.5 seconds
- Used Selenium, tkinter and PyInstaller

**Personal Website**

**Aug 2020 - Present**

- Developed personal website with React for front-end | <https://www.zenanhan.com/>
- Deployed with GitHub Pages

## Technical Skills

### Languages

JavaScript, TypeScript, Python, Java, Scheme, HTML, CSS,

### Technologies/Frameworks

React, Angular2, Node.js, Jest, Testing Library, Firebase, AWS, MongoDB, Git, WordPress

[github.com/zenanana](https://github.com/zenanana)