

# Leena Kahlon

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## EDUCATION

University of California, Santa Cruz  
*B.S. Computer Science,*  
*June 2020*

- **Major GPA:** 3.3
- **Relevant Coursework:** Data Structures • Analysis of Algorithms • Computer Architecture • Principles of Computer Systems Design • Software Design Project • Technical Writing

## SKILLS

- **Front-end development**  
JavaScript, React, Redux, Angular, HTML/CSS
- **Back-end development**  
Node.js, REST API, Express.js
- **Technologies & Environments**  
Git, Linux/Unix, Expo, Android Studio, Windows, Mac OS X, Jupyter Notebook, Visual Studio
- **Java, Python, C/C++, C#, Perl**
- **Database Management**  
SQL/MySQL, MongoDB, AWS/S3
- **Agile Software Development**

## LINKS

-  <https://github.com/lkahlon9>
-  <https://linkedin.com/lk632/>

## PROJECTS

### NYC Fare Evasion **Sept 2019 – Dec 2019**

- Wrangled census data for demographics and median income per NYC district to correlate with evasion arrests data per subway station.
- Created data frames and visualizations for corresponding data using Python pandas and matplotlib packages.
- Programmed with HTML/CSS to develop a webpage with an interactive map feature.

*Link:* [https://people.ucsc.edu/~wochang/hosted\\_map.html](https://people.ucsc.edu/~wochang/hosted_map.html)

### Clubster **Jan 2019 – May 2019**

- Worked within a Scrum team to build a club managing application for iOS & Android.
- Developed the front-end and UI for user & club profiles, search tool using React.
- Debugged the API routing and Node.js back-end, that runs with a MongoDB database.
- Streamlined the codebase using Redux and image upload process using AWS S3 bucket.

*Link:* <https://lkahlon9.github.io/ClubsterPage/>

## EXPERIENCE

### Data Science Hackathon **May 2019**

- Built a predictive model with TensorFlow that runs on a MySQL database.
- Integrated linear regression models into a data visualization program.

### CS 101 Group Tutor **April – June 2018**

- Guided students in completing Java and C++ programming assignments during labs.