

# Satomi Okada

Brooklyn, NY • 929-666-0420 • [satomiokada100@gmail.com](mailto:satomiokada100@gmail.com) • [Portfolio](#) • [LinkedIn](#) • [Github](#)

## SKILLS

**Technical:** JavaScript, React, Redux, Ruby, Ruby on Rails, SQL, NoSQL, Angular, TypeScript, HTML, CSS, MongoDB, Express, Node.js, AWS, D3.js

**Language:** Native in Japanese

## EDUCATION

**AppAcademy**, New York, NY

Jan 2020 - May 2020

Rigorous 1,500 hours full-stack web development course with less than 3% acceptance rate

**Queens College, City University of New York**, Queens, NY

Sept 2014 - Dec 2015

Bachelor of Arts, *cum laude* (GPA: 3.53), in Media Studies

## PROJECTS

**Catflix** | Ruby on Rails, React, Redux, HTML, AWS, CSS

[live](#) | [github](#)

*A full-stack, cat-themed Netflix clone made for viewers who love cat shows and movies*

- Leveraged AWS S3 for video and image storage imposing a file size limit and file compression to reduce latency and storage cost
- Implemented a debounced search feature that lets users search videos in optimal time
- Engineered custom backend and frontend user authentication by utilizing Rails' active record query and Redux's frontend state to enable a personalized CRUD functionality, such as a watchlist for each user

**Tipsy Painter** | MongoDB, Express, ReactJS, Node.js, HTML, CSS

[live](#) | [github](#)

*A live-camera, collaborative drawing application where users can sip wine and paint on the same canvas together*

- Incorporated git workflow as a back and frontend flex developer in a team with three other developers
- Fetched data from MongoDB by utilizing axios library and express.js to enable features such as unique painting rooms for each user, and "create a new room" and "join room" functions
- Utilized socket.io to create an instant connection between backend and frontend to enable real-time canvas and video updates

**DS&A Progress Tracker** | MongoDB, Express, AngularJS, Node.js, HTML, CSS

[live](#) | [github](#)

*A tracking application where users can log their progress on data structure and algorithm problems*

- Developed a responsive application utilizing angular material for mobile phone and PC
- Optimized response time by implementing code-splitting and lazy-loading

**Gourmet** | Javascript, D3.js, HTML, CSS

[live](#) | [github](#)

*An interactive website where users can learn how Michelin star restaurants are distributed across different U.S. regions*

- Practiced D3.js's transitions to create animation on bar- and bubble-graphs with selectors
- Handled HTML DOM events with D3.js's selections to enable the bubble-graph to reveal cuisine types so users can have a more interactive experience

## EXPERIENCE

**SonicInVision INC.**, New York, NY

*Technical Director for TV Japan and NHK World*

Feb 2016 - Jan 2020

- Trained 20+ employees and created server and software manuals that saved SonicInVision INC. \$15,000.
- Managed incoming program content via terrestrial (fiber and IP) and satellite.
- Created open captioning for channel broadcasting feeds to announce program changes and other information.
- Edited raw footage to localize content for North American and Hawaiian subscribers.
- Adjusted TV content to adhere to video-on-demand broadcasting requirements.