# Satomi Okada

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## SKILLS

**Technical:** React, Redux, Ruby, Rails, JavaScript, SQL, HTML, CSS,  MongoDB, Express, Node.js, ChyronHego Lyric X, Nexio, Playlist and Motion
**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                                                   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.

**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
- Managed incoming program content via terrestrial (fiber and IP) and satellite.
- Maintained content quality and organized content air dates and times.
- Ensured that closed caption subtitles comply with US video accessibility laws.
- 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.
- Trained 20+ employees and created server and software manuals that saved SonicInVision INC. $15,000.