

# Ray Onishi

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## EDUCATION

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### **Stony Brook University**

Stony Brook, NY

*Bachelor of Science in Computer Science — GPA 3.93*

*Expected May 2023*

- Honors: Dean's List, Presidential Scholarship
- Relevant Coursework: Data Structures, Systems Fundamentals, Finite Mathematical Structures, Probability and Statistics, Software Development

### **Stuyvesant High School**

New York City, NY

*Sep. 2015 – June 2019*

## EXPERIENCE

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### **Software Engineering Intern**

Sep. 2018 – Present

*Share Meals*

*New York City, NY*

- Developed main website incorporating GatsbyJS and Netlify CMS to allow for seamless verified user content additions to blogs, news, and more
- Created node module for Airtable translations using Google and IBM cloud translation services optimized to minimize cost for translation, increasing accessibility for users of different native languages
- Automated tasks such as zip code mapping and scheduled resetting of fields utilizing Airtable API to lessen workload for volunteers
- Integrated Slack based notification system for errors and logs of automated scripts
- Implemented Google Maps for geolocation-based data visualization of users in the share meals system

### **Undergraduate Researcher**

Aug. 2021 – Present

*Stony Brook University*

*Stony Brook, NY*

- Research done under supervision of professor Richard McKenna in collaboration with SBU hospital to develop Vent application ([vent.cs.stonybrook.edu](http://vent.cs.stonybrook.edu))
- Automated deployment process to server based on changes to repository using git workflows and process managers
- Worked closely with hospital staff and biomedical engineering research students to acquire consistent feedback on application

### **CUNY 2x Tech Teaching Assistant**

June 2021 – Aug. 2021

*Research Foundation of CUNY*

*New York City, NY*

- Prepared material and demos to teach HTML/CSS/JS/jQuery in depth to novice computer science students for CUNY Tech Talent Pipeline
- Revised lesson and course plans weekly to facilitate student learning and adapt on the fly
- Led daily lab sessions in small groups with emphasis on good coding practices

## EXTRACURRICULARS

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### **Event Coordinator**

Sep. 2019 – Present

*Japanese Student Organization*

*Stony Brook, NY*

- Handled logistics of events with consistent communication with faculty advisor and club executive board
- Increased turnout to bi-weekly events through focus on interactivity, food, and prizes for attendees
- Communicated closely with other cultural organizations to plan future collaboration events and build strong inter-club relations

## PROJECTS

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### **Youtube Clone | Javascript, React, Materialize CSS**

- Developed a front end React application using the Materialize CSS library
- Employed axios to send requests to Youtube API to fetch data on videos, comments and more
- Ensured responsive design through the use of the Materialize grid system

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Materialize CSS, Semantic UI

**Developer Tools:** Git, Google Cloud Platform, Visual Studio Code