

TONY ZHENG | Software Engineer |

New York, NY

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EDUCATION

STONY BROOK UNIVERSITY

BACHELOR OF ARTS: SOCIOLOGY MAJOR

LONG ISLAND, NY
August 2017 - May 2021

APP ACADEMY

FULL STACK SOFTWARE ENGINEER

SAN FRANCISCO, CA
August 2022 - May 2023

PROJECTS

GROUPMEET | React/Redux, Express, Sequelize, CSS3, HTML5, SQLite3 |

[GitHub](#) | [Live](#)

- Utilized CREATE, READ, UPDATE, DELETE (CRUD) methodologies for the creation and management of groups and events.
- Performed AJAX calls and managed HTTP requests and responses using Express routes.
- Return/response data from dispatched thunks is dispatched again through an action to alter state, allowing reducers to modify state.

BISCORD | React/Redux, Python, Flask, PostgreSQL, AWS S3, SQLAlchemy, WebSockets |

[GitHub](#) | [Live](#)

- Implemented WebSockets to enable live chat and facilitate real-time updates for users, enhancing their communication experience.
- Stored and managed direct messages and channel messages in a database using an RDBMS (SQLAlchemy), and through join-tables and relationships established with SQLAlchemy's relationship() function.

CASUAL INK | React/Redux, Python, Flask, PostgreSQL, SQLAlchemy, WebSockets, AWS S3 |

[GitHub](#) | [Live](#)

- Implemented live-bidding functionality for auction listings, incorporating WebSockets, for real-time bidding, with WTForms to create, edit and delete new listings.
- Crafted a visually appealing & user-friendly interface (UI) with HTML, CSS, and React/Redux for a seamless user experience (UX).
- Integrated AWS S3 for secure and efficient storage and retrieval of art images and user data.

PROFESSIONAL EXPERIENCE

TWO BRIDGES NEIGHBORHOOD COUNCIL (TBNC)

NEW YORK, NY / March 2021 - June 2021

Media Marketing and Digital Design Strategist

- Designed digital content plan for TBNC's monthly community newsletter, and curated designs via applications such as Canva and Mailchimp.
- Focused on building and expanding a broader media presence, through increasing and monitoring our digital footprint on media platforms such as Facebook, Instagram, Twitter, and Google.
- Directed social media outreach campaign, and oversaw ticket sales through Eventbrite for TBNC Virtual Benefit, raising \$50,000+. Engaged in logistics development and forming an execution plan.

SYKES GLOBAL COMMUNICATIONS

NEW YORK, NY / May 2018 - August 2019

Jr. Account Associate

- Collected, planned, and distributed campaign information for former Sen. Marisol Alcantara. Leveraged email marketing strategies to inform and educate the voter base, and stimulate campaign fundraising.
- Managed clients' media presence, by creating personalized web pages and operating social media platforms.
- Developed the floor plan and structured the event layout for hosting annual DYCD Youth Summit in Summer 2019.

WENDY LI FOR CIVIL COURT JUDGE CAMPAIGN TEAM

NEW YORK, NY / June 2018 - September 2018

Fellow

- Liaised with local Chinese civic organizations to bolster and promote voting awareness among minority communities in New York's Lower East Side, resulting in Wendy's victory in the November 2018 election
- Served as press coordinator for the local news media, specifically for non-English papers and articles. Wrote and published two articles in Sing Tao Daily (Manhattan Chinatown-based minority-owned media outlet.)
- Optimized and analyzed resident voting and population statistics by areas, for the purpose of strategizing optimal campaign tactics.

TWO WHEELS RESTAURANT

NEW YORK, NY / January 2020 – August 2021

Shift Manager

- Managed inventory and supplies for daily to weekly operations.
- Familiar with both front-of-house and back-of-house duties.
- Optimized and streamlined back-of-house duties, such as food prep and service time management, and increased revenue by 25%

ADDITIONAL SKILLS

Adobe Photoshop/XD; C; Canva; Bilingual (English/Mandarin: Native/bilingual proficiency); Decentralized Finance Specialization (Duke Certification); Google Suite; HTML; IBM Cloud/Cognos/DB2; Javascript; Mailchimp; Microsoft Office (Advanced); Node.js; Photography; Python; REST APIs; SQL; SQLite3; Tableau