

Winnie Chan Wu

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CAREER SUMMARY

A full-stack software engineer experienced in building end-to-end web applications, with passion to use my technical skills to improve healthcare service delivery.

TECHNICAL SKILLS

Frontend: HTML5, CSS, Javascript, jQuery, Bootstrap, AJAX, APIs

Backend: MySQL, MERN Stack (MongoDB, Express, ReactJS, Node.js), Handlebars, IndexedDB, Webpack, Progressive Web Applications

PROJECTS

[OurSpace](#) | <https://bit.ly/3vUVYhq> | Deployed on Heroku

Scrum Master

- This app is an all-inclusive forum for netizens to share inspiration and to interact with posts.
- My group created this interactive full-stack app where users can log in or sign up, create posts with timestamps, comment, and log out. As the scrum master, ensured the code was clean without bugs, met the MVC architectural design, before it was pushed to the repo.
- *Tools/Languages:* Node.js, Express.js, Dotenv, Jest, Handlebars.js, MySQL, and ES Lint.

[E-commerce site backend](#) | <https://bit.ly/3sxpid9> | Tested on Insomnia

Backend Engineer

- This app builds the back-end for my e-commerce platforms.
- As the sole engineer, created code to enable retrieving e-commerce inventory, with functionality to create, update, and delete categories, products, and individual tags associated with products.
- *Tools/Languages:* Sequelize, MySQL, Express.js, and Dotenv.

[Inspo.io](#) | <https://bit.ly/3LDVV02> | Deployed in browser

Project Partner

- This app provides daily inspiration to users through functionality to click buttons for fine art and motivation quotes, all through the front-end.
- My group created this mobile-responsive app that sources data from APIs and is also customizable based on user's preference for well-known celebrities and art categories. Assisted throughout the project with troubleshooting, bug fixing, and presenting it to our class.
- *Tools/Languages:* HTML, CSS, JavaScript, jQuery, and MD Bootstrap CDN.

WORK EXPERIENCE

San Mateo County Health, Behavioral Health & Recovery Services

Jan 2015 - Present

Program Coordinator / Health Insurance Specialist

San Mateo, CA

- Analyzed state and local eligibility databases to interpret client's current coverage, to assist in coverage restoration, and to provide enrollment assistance, which resulted in 100% approval rate for my over 100+ clients throughout the county.
- Assisted clients with filing lengthy Social Security disability applications and provided ongoing advocacy, resulting in 98% approval rate.
- Planned, coordinated, and executed all logistical planning and day-of coordination in 9 immigrant health forums across the county, reaching over 300 families in a 1 ½ year span.

SteppingStone Mission Creek Adult Day Health

Jan 2012 – Jan 2015

Social Work Assistant and Intake Coordinator

San Francisco, CA

- Managed intake process for new clients and collaborated with multi-disciplinary team to ensure clients were able to get the health and social care they need to thrive.
- Conducted and prepared ongoing quarterly assessments for over 70 older adults with disabilities and co-morbidities.

EDUCATION

UC Berkeley Extension | Remote
Web and Software Development Certificate

Expected June 2022

University of San Francisco | San Francisco, CA
Master of Public Health

August 2014

University of California, Berkeley | Berkeley, CA
Bachelor of Arts in Sociology, Minor in Public Policy

December 2010

ACCOMPLISHMENTS

Selected Publications: [1] “The Association Between Self-Rated Mental Health Status and Total Health Care Expenditure: A Cross-Sectional Analysis of a Nationally Representative Sample.” *Medicine* (Baltimore). 2015 Sep; 94(35); [2] “Fieldwork Summary Report: Reducing Repeat Teenage Pregnancy through Program Planning and Evaluation.” *University of San Francisco Scholarship Repository*. 2014 Aug.

Certifications: Covered CA Certified Enrollment Counselor; Mental Health First Aid; Public Sector Professional; First Aid/ CPR/ AED Certification

Academic Honors: Bill and Melinda Gates Millennium Scholarship