

TYVAN CHENG

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New York, NY

PROJECTS

SoundSpace

- Spearheaded backend infrastructure development for a music app empowering grassroots artists to share music and connect with followers. (Built with MERN stack)
- Successfully migrated artists' content to AWS S3, enabling seamless music access for all users.
- Implemented Scrum and enhanced productivity within an agile project management framework.

Lockedin

- Developed a scalable LinkedIn clone using Ruby on Rails and React.js, completed with user authentication, profiles, and full CRUD functionality for posts and comments.
- Utilized PostgreSQL as the backend database for efficient data storage and retrieval.
- Currently developing Websocket functionality to allow users to connect in real-time.

WORK EXPERIENCE

NYU Winthrop Hospital, Mineola, NY

September 2022 – December 2022

Cardiothoracic/Surgical Intensive Care Unit Registered Nurse

- Responsible for titration of critical care intravenous medications such as potent vasopressors
- Authored and spoke upon at least two daily detailed reports including analysis of patient data trends
- Regularly collaborated with Chief of Cardiothoracic Surgery about improving TCV patient outcomes

MDamerica Wellness, New York, NY

August 2021 - Present

Registered Nurse

- Promote clientele acquisition and intensify client relationships on-site.
- Troubleshoot molecular in-vitro diagnostic machines utilized by medical testers.
- Work collaboratively with the CEO to improve workflow guidelines and determine equipment needs.
- Strategize how to optimize changes per the clients' needs including location and operation processes.

EXPERIENCE

Albertson Fire Company, Albertson, NY

June 2019 - Present

Firefighter and Emergency Medical Technician

- Lead 911 calls regarding medical emergencies and coordinate cross functionally with other departments to ensure rapid patient transport to ED.
- Co-lead on QA/QI team for the EMS division including case reviews of every E-PCR.
- Participate in department meetings to coordinate budget, suggest protocol improvements, and perform case study analyses.

EDUCATION

App Academy, New York, NY

February 2023 - June 2023

Full Stack Web Development

Adelphi University, Garden City, NY

August 2018 - May 2022

Bachelor of Science in Nursing

LICENSES & CERTIFICATIONS

- NYS Registered Professional Nurse
- Firefighter 1

SKILLS

JavaScript, React.js, Redux, Ruby, Ruby on Rails, Rspec, SQL, SQLite3, PostgreSQL, Mongoose, MongoDB, Express, Node.js, Git, Python, HTML, CSS