

# Misty(Mengyao) Yang

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## EDUCATION

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**Santa Clara University**

September 2018 - Dec 2019

**Master of Science in Computer Science and Engineering**

**California State University-East Bay**

September 2017 - May 2018

**Post Baccalaureate in Computer Science**

## WORKING EXPERIENCE

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**Martindale-Nolo**

September 2018- Present

**Quality Assurance Intern**

- Executed test procedures including functional, performance, regression, positive/negative, UI testings on Windows and Linux OS.
- Created testing API and automated test cases using Selenium in Java.
- Managed and tracked software project and quality issues with JIRA to ensure efficiency.

**Hermes Microvision Inc.**

May 2016 - August 2016

**Web Developer Intern**

- Designed and administered company's internal wiki style website called "BKM" that supports user log in, posting review and comments, and editing previous submissions.
- Designed and developed the frontend with Bootstrap.

## SELECTED PROJECTS

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**YelpCamp Website**

May 2018 - August 2018

**Full-stack | MEAN Stack | Bootstrap | jQuery | RESTful | Git**

- Developed a yelp-like web app based on MEAN stack for sharing campground sites.
- Designed and implemented MongoDB infrastructure to store reviews/comments data and relevant information associated with users and campsites.
- Support user authentication. Campground locations are shared using Google Maps API.

**Secure Chat System**

January 2018 - April 2018

- Implemented a functional secure chat system that offers a command line interface that allows multiple users to talk to multiple other users simultaneously through a chat server.
- Used Elliptic-curve Diffie-Hellman (ECDH) key exchange algorithm, verifying digital signatures and certificates, keeping track of all authenticated users, encrypting / decrypting messages using symmetric cipher algorithm AES with GCM integrity protection mode.

## TECHNICAL SKILLS

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**Languages:**

Java, Python, C++

**Tools:**

Swagger UI, Git, Node.js, Express.js

**Database:**

Oracle SQL, MongoDB, MySQL

**Web:**

HTML, CSS, Javascript, XML, MVC mode