

Yue MA (Madeleine)

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SUMMARY

Versatile academic turned developer with proficiency in both front-end and back-end development. Strong experience using Python framework and MySQL database. Extensive expertise in cloud solutions certified by Microsoft Azure Fundamentals. Work with strong multi-tasking and interpersonal skills. Commitment to offer clients responsive and customized web apps and dynamic methods for content management. Also skilled in documenting and localizing technology documents in Chinese and English and capable of successfully executing bilingual websites. Seeking a career in web and software development that will allow me to progress and continue learning.

PROFESSIONAL EXPERIENCE

Freelance Web Developer

05/2020-current

- Full-stack development of a data analysis app for visualizing cryptocurrency wallet balance with Flask backend and React frontend. Created a Flask API to retrieve data effectively. <https://walletwatch.xyz/>
- Full-stack development of a responsive SaaS to query and display the client's personal comic collection using Python, Flask, HTML, CSS, and JS. Built logic to refactor existing data storages and search queries for maximizing mobility. Provided various data import and export utilities. <https://comiccollection.madeleinema.com/>
- Created a 21 question-type animal guessing game using Python, Flask, HTML, CSS, and JS. Wrote logic with Python to query the SQLite database to find the right answer in the most effective manner. <https://animalgame.madeleinema.com/>
- Handling full-stack programming tasks for the development of a translation forum. Implementing user profile, searching, text editing, commenting, and tagging functionalities using Python, JS, HTML, and CSS. <http://jewelofchina.com/>
- Developed my portfolio website using Flask, HTML, CSS, and JS. <https://madeleinema.com/>
- Customized a CMS website for The Intentional Living Collective (NGO) that increased user engagement. Coordinated with designing and product teams in the identification of new features. <http://dev-the-ilc.org>

Freelance Localization Specialist

Upwork 10/2017-05/2020

- Top Rated freelancer at Upwork.com. Over 450,000 words translated.

Chinese Language Instructor

Arizona State University 08/2018-06/2019

SKILLS

Programming Languages: Python, HTML5, CSS3, JavaScript

Tools and Frameworks: Django, Flask, Git, SQLAlchemy, NoSQL, React, Bootstrap, Azure, Pandas

Editorial: CAT-tool, English to Chinese Translation, Proofreading/editing, Creative writing

EDUCATION

Arizona State University - Ph.D. (Completed 9 Credits)

2018-2019

East Asian Languages and Literature

Rutgers University - M.A.

2015-2017

East Asian Languages and Literature

Sun Yat-Sen University - B.A.

2011-2015

History

ACCOMPLISHMENTS & CERTIFICATIONS

- AZ-900: Microsoft Azure Fundamentals (01/2021)
- University Graduate Fellowship, Arizona State University (08/2018)
- Presentation Award, Grad Colloquium Research conversations, ASU (04/2019)

Authorized to work in the U.S