

Songyu Wang

Software Engineer in Test at Heartflow, Inc

Software test engineer with experience in medical device industry (regulated). Heavily involved in test design, test automation, test framework development and test framework maintenance. Collaborated daily with development teams to ensure the quality of the products. Produced various test-related documentations to meet regulatory compliance. Familiar with Scrum practice.



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Redwood City, CA, United States



songyu-wang.github.io



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github.com/Songyu-Wang

SKILLS

Python

Java

Matlab

SauceLabs

Selenium

Mailosaur

HTML + CSS + JavaScript

Ruby on Rails

MySQL and Similar SQL databases

MongoDB

Redis

Neo4j

Hadoop

Git

AWS

Google Cloud

Jenkins

Docker

Scalr

Jira

Confluence

WORK EXPERIENCE

Software Engineer in Test

HeartFlow, Inc [↗](#)

07/2018 – Present

Redwood City, CA

- Supported three internal and external UI products
- Developed and maintained Frontend test frameworks for both new and existing software development practices
- Designed manual and automated tests to verify frontend product requirements
- Automated manual tests to improve test automation rate
- Performed verification and validation activities before releasing product updates. E.g. creating test plans, executing functional tests, collaborating system level testing across teams/components, etc.
- Produced and examined various deployment and test related documentations that meet regulatory compliance
- Practiced Scrum agile framework

Software Engineer in Test, Intern

HeartFlow, Inc [↗](#)

05/2017 – 08/2017

Redwood City, CA

- Supported three internal and external UI products
- Designed manual and automated tests to verify frontend product requirements
- Automated manual tests to improve test automation rate
- Executed manual tests to support release activities

Prior Work Experience

Details are omitted to conserve space. See <https://songyu-wang.github.io/> [↗](#)

- Software Intern at Rose-Hulman Ventures(Terre Haute, IN) and Pansoft Co. Ltd.(Jinan, China)
- Teaching Assistant at Rose-Hulman Institute of Technology(Terre Haute, IN)

EDUCATION

Bachelor of Science

Rose-Hulman Institute of Technology [↗](#)

08/2014 – 05/2018

Terre Haute, IN

- GPA: 3.73/4
- Double Major: Computer Science major and Software Engineering major
- Minors: Mathematics minor, Computational Science minor and Data Science minor
- Senior Project: Popular Media, a media content selling website, proposed by Popular Pays, Inc. (Chicago, IL). Used Ember.js, Ruby on Rails, PostgreSQL and Google Cloud Vision
- Member of Upsilon Pi Epsilon(YΠE): International Honor Society for the Computing and Information Disciplines
- Member of the Order of the Engineer

CERTIFICATES

Professional Scrum Master I (11/2018 – Present) [↗](#)

Issuing Organization: Scrum.org

MTA: Software Development Fundamentals (11/2016 – Present) [↗](#)

Issuing Organization: Microsoft