Jing Liu

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SKILLS: JavaScript, Python, HTML/CSS,C/ C++, Matlab, SharePoint

PROJECTS:

Kids Reward Program: https://www.mimitale.com   Sep 2020-Present
- Developed responsive single page application kids reward programs using JavaScript, CSS, and HTML.
- Maintained components based on design and functionality updates.
- Performed create, read, update, delete interaction with RestAPI.
- Implemented unit test for the application using Jest and Enzyme.
- Collected user experiences and communicated with the team for design updates or new features to improve user experiences.

Disaster Factor Website:https://jing-liu-778.github.io/Disaster-Factor/
- This website utilizes The Earth Observatory Natural Event Tracker (EONET) in conjunction with the GOOGLE Maps API to provide continually updated natural event data plotted to a map.
- The website uses HTML, CSS, Bulma, JavaScript, NASA EONET API, Google Map API.

Flix&Spill App:https://shielded-gorge-65326.herokuapp.com/profile
- This is a review website for users to view, create and comment on movie reviews.
- This app runs in the browser and features dynamic HTML, CSS, Bootstrap, Javascript, and Node.js.

WORK EXPERIENCE:

Altran, Atlanta, GA
IV&V Test Engineer: Sep 2012-April 2015
- Provided verification and validation to nuclear safety related I&C system and complied with regulatory codes/policies(NRC/IEEE/IEC).
- Participated in resolution meetings and developed technical solutions to meet customers' requirements.
- Designed and developed Software Component/Integration Test Plans for Reactor Protection System(RPS) application software.
- Designed test cases, test plans, and procedure specifications based on system requirements specification, software requirement specification, and software design description.
- Extensively worked on dry runs, test execution, regression testing, and performing troubleshooting.
- Involved in authoring and reviewing various software testing documentations: Test Plans, Test Cases, Test Procedures, Testing Logs and Test Summary Reports.
- Linked and Traced requirements in SyRS, SRS to SDD and test cases via requirement management software DOORS.

ICBC, Beijing, China
SharePoint Developer: May 2011-Aug 2011
- Extensively worked on Active Directory for creating users, groups and setting permissions.
- Created and managed sites, site collections, site templates, site definition, lists, list definition, document library, and picture library.
- Designed and implemented SharePoint Web Parts, SP Grid Views, Features, Workflows, and Content types according to company's requirements.

EDUCATION:

Georgia Institute of Technology, Atlanta, Georgia   Oct 2021-April 2022
Full Stack Development

Stevens Institute of Technology, Hoboken, New Jersey
Master of Engineering in Electrical Engineering, **GPA:** 3.93   Aug 2010-May 2012
Engineer-In-Training (EIT) Certification

PATENTS: Patents Authorized by the State Intellectual Property Office of the P.R.China: Infrared Remote Control System with Microcontroller as Control Chip; Portable Storage Case