

# Jing Liu

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

**PROJECTS:** **Kids Reward Program:** <https://www.mimitale.com>

- 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.

**Code Quiz App:** <https://jing-liu-778.github.io/Code-Quiz/>

Built a timed coding quiz with multiple-choice questions with a responsive user interface. This app runs in the browser and features dynamically updated HTML and CSS powered by JavaScript.

**WORK** **Altran, Atlanta, GA**

**EXPERIENCE:** *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:** **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