Alison Chan

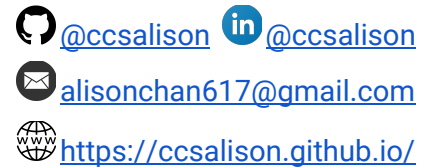@ccsalison @ccsalison
alisonchan617@gmail.com
https://ccsalison.github.io/

SKILLS

- **Proficient:** Javascript, C, C++, Perl, Python, JSON, HTML, Git, Linux, OpenGL, OpenMP, Ps
- **Exposure:** React.js, Redux, Material Design, SQL, REST API, MVC, PowerShell , Pr , Ae

EDUCATION

B.S. in Electrical and Computer Engineering   GPA 3.70-Dean's List   *Texas State University, TX*

DEVELOPER EXPERIENCE

- **Portfolio landing page | code | link:**
  - ❖ Initial website | code: Responsive web page coded from scratch with HTML displaying projects.
  - ❖ Current website: Utilizes Materialize CSS for its optimized responsive functionalities.
- **Gaming duration alert - LoL | code | link:**
  - ❖ Website that notifies you about your gaming duration on League of Legends.
  - ❖ Scaled website by adding more React components to add more features and information validation.
  - ❖
- **Todo app | code:** Simple CRUD React app to add and delete task with React UI components.
- **Book review app | code:**
  - ❖ CRUD React app that add or delete books with their ratings.
  - ❖ Adopted MVC that utilizes a fake REST API to communicate with the JSON database.
  - ❖
  - ❖
- **Parallel Programming | code:** Programs that synchronizes multithreaded processes utilizing mutex and semaphores with conditional variables, making use of multi-cores processor.
- **Computer Graphics**: Created a scene with objects having different light sources, viewports and texture mapped surfaces (OpenGL with C++).
- **The Freescale Cup | code:** Built an autonomous (image processing) trajectory smart car using the Freescale Kit (FRDM KL25Z) in C. Proficient in lab equipment usage.

WORK EXPERIENCES

Intel Corporation, Frontend LD Engineer   Sept 16 - Present
- Develop **automation process** for design integration and testing sub-process with **Perl regex** scripts.
- Maintains team contribution work for clock domain crossing (CDC) and design for test with **Git**.
- Tracks and debugs issues with High Speed Database **ticketing system** (similar to Jira ticketing system).
- Update **documentation**, feedback on integration guide, and specification documents.
- Communicate with management and other team member effectively on delivering business goals with tight schedule.

Intel Corporation, System Validation Engineer   Jul 15- Sept 16
- Developed test cases to validate **GPU**, Video on emulator for the next generation SoC in **C++**.
- Operated and enhanced **automated build** and **test infrastructure** for automation testing in **Python**.
- **Developed and implemented Android based tests** for multimedia in **Python** in collaboration with development team, migrating third-party applications to the validation environment.
- Performed automation on next generation i3/i5/i7 core with **PowerShell** scripts for Client Devices.