

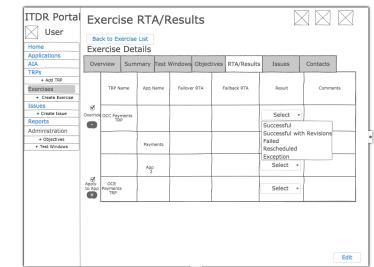
KENNY LI

06/15/2015 – 09/04/2015



Background

This summer, I worked with the IT Disaster Recovery Team (ITDR) as an intern with Visa in Foster City. My primary project involved designing and developing a web application for ITDR to centralize the recording of compliance data for over 1100 applications across 35 core platforms to eliminate date redundancy, and enable real time and on demand access to data. I built a foundation for ITDR to expand on more features to drive automation and resiliency within the team.



Achievements

I came into the internship with little to no knowledge of many of the technical skills I needed to implement my project. By the end of the internship, I completed the designed and refined the data architecture, application wireframes, and application implementation many times.

Some of the new skills I acquired involve:

- Ruby / Rails / AngularJS / MySQL knowledge
- WebStorm and RubyMine IDEs
- Visual Basic for read/write for Word/Excel

The process for completing my project and learning these skills was learning by doing – I spent quite a bit of time researching online and asking targeted questions to obtain my answers.

I gained insight into soft skills for industry interaction, such as team communication, collaboration, and presentation skills.

Highlights

- Developed requirements, designed, implemented, and tested application from scratch
- Enabled automated access to data in documents and workbooks with scripts
- Analyzed application dependencies and application criticalities to ensure their accuracy

Perks

- Destination Everywhere: Intern Summit – learned more about Visa and interacted with the global interns
- Intern and company social events (i.e. happy hour, bowling, beach, ice cream social, ballpark event)
- Ability to personally speak with various Senior Directors and VPs to foster a deeper connection

Connections

The environment, platforms, and goals at Visa were completely different than at UCSD, but the foundations taught by UCSD in problem solving and design were most helpful to doing well.

I knew HTML / CSS / JavaScript as well as MVC and OOP concepts coming in. These helped me in learning the new concepts and languages fairly quickly.

Helpful classes include:

- CSE 110: Software Engineering
- CSE 112: Advanced Software Engineering
- CSE 134B: Client-side Languages
- CSE 136: Enterprise-class Applications
- CSE 170: Human Computer Interaction

I plan to apply the technical and soft skills I have learned toward my future team projects, especially within design and web application teams.