

## Education

### Master of Science, Software Technology

2015 - 2017

The Hong Kong Polytechnic University

**Final Project:** AR Edutainment Application

**Supervisor:** Dr. Peter, Ng

### Bachelor of Administration, Information Management and Information System

2007 - 2011

Nanjing University of Information Science and Technology

Related Courses: Database Techniques and Applications, Web Technology and Application, Analysis and Implementation of Management Information System

## Portfolio

**Personal Website:** <http://www.jia-shen.com/>

**Github:** <https://github.com/elva329>

**Linkedin:** <https://www.linkedin.com/in/jia-shen-34b24478/>

## Working Experience

### Summer Intern

June 2016 - Aug 2016

Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI)

- Designed and implemented the algorithms for Image Super-Resolution Using Deep Convolutional Networks.
- Defining of modules for optimal image processing and automatic extraction of objects/players from the background.
- Documented and presented the data analysis for machine learning companies in various forms, such as technical white papers and slides.

### Software Engineer

Mar 2012 - Jun 2015

Unisys (Shanghai) Information Technology Co., Ltd

- Implemented Robot automation test framework using C# and automated existing manual test cases for the project Unisys Data Exchange, reducing regression test duration from 5 days to 4 hours.
- Designed the automation test cases for the project Unisys Agile Business Suite and maintained the manual test bed structure, which improved overall test coverage and ensured the thorough testing of the product and adherence to design requirements.
- Authored test plans and test cases based on the software design and functionality requirements, performed various types of tests including regression, confidence, integration and acceptance testing to validate the functionalities of the products.

### QA Engineer

Aug 2011 - Feb 2012

Rovi Corporation (Shanghai) Co., Ltd.

- Designed and implemented both manual and automation test cases, verifying the performance, functional and GUI testing for digital entertainment products using proprietary/commercial tools.
- Performed localization testing for multi-language products, tested nearly 17 different languages (e.g. English, Japanese, Italian etc.), verifying the technical accuracy, content consistency and many other aspects of the products.
- Conducted hardware compatibility testing (minimum spec machines, appropriate devices such as cameras, video cards, etc) and media testing, software compatibility testing.

### SQA Intern

Aug 2009 - Jul 2011

Marvell Technology Group (Shanghai) Co., Ltd.

- Implemented automation testing bench based on Android/Linux SDK tools (UIAutomation/MonkeyRunner) to promote cross-platform SDK release verification efficiency.
- Designed and implemented audio, video, DMX and security Pipeline Verification testing and delivered them to production in many areas: Android TV, Android IP Set Top Box, Android OTT box.
- Implemented RDK2.0 porting/building/testing based on Linux SDK platform.