Matt Yi Peng

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Executive Summary

- ➤ **Experience:** IT internship, software engineer internship, android developer, website writer
- ➤ **Self-Program Work** – Self-learned multiple coding languages and computer science theories such as those relating to machine learning and data structures
- ➤ **Extracurriculars** – Leader at school technology club, community service volunteer for four years, commended at church for service in community

Skills and Activities

Languages: Fluent in English, Conversational Proficiency in Mandarin, Four years Spanish
Coding Skills: HTML, PHP, Java, Makefile, MySQL, Database
Activities: Android App writer (Self-learned and accumulated over 1000 downloads on apps, search Matt Peng Co on Google Play store), wrote HTML responsive websites (http://takeyourmark.000webhostapp.com/),

Experience (Work and Internships)

Nov'15- Feb '16	**IT Internship at Think Safe (Medical Kit company)** *Assisted the head IT technician in creating the company's website*	**CEDAR RAPIDS, IA**

- Built upon website: https://think-safe.com/
- Utilized Web-based scripts to write pages for the company's website
- Helped create the products, home, and testimonials pages for the website utilizing HTML and CSS
- Converted the hard-coded HTML into php for efficiency and used JavaScript for user interactivity
- Transferred items from database to another inventory using MySQL
- Helped facilitate in the inventory project that was being used to create a virtual product for hundreds of clients
- Was able to help in the copyright process for the company website
- Assisted in making the website attractive and more modern from the previous version

June '17- Aug '17	**Software Engineer for Rockwell Collins** *Studied Makefile and Object-C languages for an aerial communications team/documented and contributed to a pending patent for IPv6 Conversion*	**CEDAR RAPIDS, IA**

- Debugged a project file for Packet Retrieval
- Worked on java code and Makefile code using Eclipse for a project that helped target different functions to create object instances for those objects
- Wrote code to help switch the air link communication system from IPv4 internet packets to Ipv6 so that more data packets could be sent for each connection
- Tested code within a laboratory setting to make sure that the display and communication systems utilizing the code that I helped write worked well
- Learned how pilots communicate to ground towers when testing the machines utilizing the code I helped write
- Observed the process for teams to create the parts for projects and attended training-session meetings
- Learned the switch between operating systems that occurs when code is written OS X and then read by airplanes in the Linux operating system
- Facilitated in a small project to create hardware for the communications systems

Leadership Within School

Nov'16- Present	**Take Your Mark Innovation Club (Linn-Mar)** *Brought students together to analyze innovations (President of club)*

- Led a club that analyzed and discussed new innovations
- Wrote club website (http://takeyourmark.000webhostapp.com/) using CSS and HTML, creating the different pages and components that help make the website easy to navigate and very user-friendly
- Learned User Interface website designs through online tutorials to learn the best methods to make websites appealing and simple to use
- Incorporated more php scripts to quickly make changes to my website
- Host my own website through computer and free online service
- Brought Guest speakers to discuss patenting process for new innovations

Education

'14-present	**Linn-Mar High School (Senior)**	**Marion, IA**

- GPA – 4.62 Class Rank: 1
- ACT – 35/36, SAT – 1570/1600, AP Exams 10x5