

Matt Yi Peng

724 Arastradero Rd | Polo Alto CA 94306 | 319-431-4793 | mylpeng@gmail.com

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)

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| Nov'15- Feb '16 | IT Internship at Think Safe (Medical Kit company) <i>Assisted the head IT technician in creating the company's website</i> <ul style="list-style-type: none">• 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 | CEDAR RAPIDS, IA |
| June '17- Aug '17 | Software Engineer for Rockwell Collins <i>Studied Makefile and Object-C languages for an aerial communications team/documentated and contributed to a pending patent for IPv6 Conversion</i> <ul style="list-style-type: none">• 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 | CEDAR RAPIDS, IA |

Leadership Within School

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| Nov'16- Present | Take Your Mark Innovation Club (Linn-Mar) <i>Brought students together to analyze innovations (President of club)</i> <ul style="list-style-type: none">• 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 |
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Education

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| '14-present | Linn-Mar High School (Senior) <ul style="list-style-type: none">• GPA – 4.62 Class Rank: 1• ACT – 35/36, SAT – 1570/1600, AP Exams 10x5 | Marion, IA |
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