

# Jinming Wu, Patrick

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## *Education*

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### **Hong Kong University of Science and Technology**

Bachelor's Degree, 2<sup>nd</sup> Honor, Computer Science and Engineering 2015/09 – 2019/06

### **Missouri University of Science and Technology**

Exchange Program, Computer Science 2018/01 – 2018/06

## *Work & Internship Experience*

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### **Alike Audience Inc. Hong Kong**

**Data Engineer**, 2019/08 – Present

- Analyze data samples from data providers using PySpark and Pandas to extract actionable insights.
- Build and maintain an Apache Zeppelin server with Apache Spark on Alibaba Cloud.
- Maintain and analyze computing infrastructure and object storage on Alibaba Cloud to optimize computing capability while reducing costs.

### **Whitewater Foundry, Ltd. Co. Columbus, GA, USA**

**Part-time Developer**, 2018/09 – Present

- Develop Penguin out-of-box experience and related packages on Windows Subsystem for Linux.
- Review code and pull requests submitted by the community and help to solve issues
- Translated project documentation to Chinese.
- Presented at Microsoft Build 2019 on WSL-related topics.

### **LiTone R&D Center Hangzhou, China**

**Intern Software Developer**, 2018/06 – 2018/08

- Researched the IcePy-based Bio-Image System OMERO.
- Contributed to developing the 3rd generation of Bio-Image software platform with Java and Python.

### **IBM Innovation Center Ningbo, China**

**Intern Developer**, 2017/06 – 2017/08

- Studied and implemented machine learning algorithms with Python and Java.
- Worked on Apache Spark projects.

### **AdvanPro Inc. Zhuhai, China**

**Intern Backend Developer**, 2016/06 – 2016/07

- Developed backend software stack for company products in C++.
- Improved product concept design.

## *Volunteer & Extracurricular Experience*

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### **HKUST Mainland Students and Scholars Society**

**IT Dept. Minister**, 2017/04 – 2019/05

- Maintain the homepage and Clearwater Bay Forum.
- Manage mailing lists and social media accounts.
- Organize activities, such as a photo competition.
- Develop the WeChat WebApp and new Clearwater Bay Forum.

**Organizing Dept. Member, 2016/07 – 2017/04**

- Organized activities for MSSS Members including Halloween Masquerade, Summer Orientation, and Shatin Cycling Event.

**Hong Kong Mainland Students and Scholars Association**

**Volunteering Helper, 2016/10 – 2017/08**

- Published articles and maintained the homepage of Hong Kong Mainland Student and Scholars Association (<http://www.cssahk.org/>) and Hong Kong Chinese Innovation and Entrepreneurship Association (<http://www.hkciea.org/>).

**HKUST REDBird Award Program**

**Member, 2015/9 – 2017/5**

- Participated in the communities and help NGOs including Crossroads Foundation Hong Kong and Heep Hong Society.
- Learned and improved personal leadership skills through training and practices.

**Computer Science and Engineering Student Society**

**Sub-Committee Leader, 2015/9 – 2015/12**

- Organized event and published media for Computer Science and Engineering Student Society.

***Language & Technical Skills***

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**English Proficiency**

- IELTS: 7.5 out of 9
- TOEFL: 95 out of 120

**Application Competancy**

Eclipse, Visual Studio, Visual Studio Code, MATLAB, Android Studio, Microsoft Office

**Programming Skills**

- Scripting: Perl, Bash Shell Script, MATLAB/Octave
- General: C++, C#, Python, Java
- Web: PHP, ASP.NET
- JavaScript: NodeJS, EJS, Bootstrap, Sass, Vue.js

**Media Skills**

Photoshop, Illustrator, Premiere, After Effect, Corel Draw, Affinity Photo, Affinity Designer

***Awards, Competitions & Scholarships***

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- ❖ **Top 10 Teams** at Hong Kong CodeHK Sussie, 2017
- ❖ **REDBird Silver Award** at REDBird Award Program, 2017
- ❖ **REDBird Bronze Award** at REDBird Award Program, 2016
- ❖ **Article Pickups** at Kiangsu-Chekiang Newsletter Bimonthly Writing Competition, 2013-2015
- ❖ **First Prize** at Harvard Club of Hong Kong Book Award, 2014
- ❖ **Semifinal Pickup** at HKCU/Microsoft DreamMyApp Competition, 2014

*References available on request.*