

# Jiangkun Qiu

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## Skill Set

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Programming experience for 9 years since 10  
Trained intensively in algorithms and data structures and get awards in Informatics  
Familiar with C, C++, Java, Python, and Rust  
Basic experience in JavaScript, HTML, PHP, C#, SQL, Bash  
Hands-on experience in Linux and git on daily basis for years  
Comprehend operating system, network  
Understand machine learning and deep learning

## Education

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Hong Kong University of Science and Technology, China Since Sep 2020  
Integrated System and Design (Programming) major

## Working Experiences

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**A quantitative trading company of digital currencies, under confidentiality agreement** Since Jul, 2020  
*Part-time Job*

Developed, from scratch in Rust, a set of libraries to collect and process data from dozens of trading platforms.  
Set up a web-based monitoring system  
Outperform Apache Benchmark, even with data processing

## Awards and Certifications in Computer Science

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China Computer Federation Certified Student Member Since Jul 2019  
First Prize in the High School Group of National Informatics Olympiad in Provinces Nov 2017, Nov 2018  
Gold Award of RoboCom2018 Global Championship (Robot Competition) Jul 2018  
Second Prize in 2017 Tsinghua University Dengfeng Cup Data Mining Competition Jul 2018  
National Computer Rank Examination Level 4, Network Engineer Nov 2016  
First Prize (6th) in the Middle School Group of National Informatics Olympiad in Provinces Oct 2016  
First Prize (1st) in national finals of 19th He Education Cup Computer Competition Jul 2016

## PROJECTS

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**WP Reliable-MD** Sep, 2018 - Oct, 2019  
*Collaborated Project*

Introduced Tui-Editor, a Markdown editor, to WordPress Plugin Market  
In charge of front-end coding

**Escape Game** Feb 2020  
*Personal Project*

A 2D bird-view shooting game designed as an AI playground.  
Adopted C++, Lua, ECS, Serialization, Box2D, Meta Template Programming.  
5k code in total

**English Passage Reader** Apr 2019  
*Personal Project*

A web application aimed to help non-native English speakers read English.  
Applied Python Flask, JavaScript and HTML

**Zhuoxin Social Platform** Oct 2018  
*Personal Project*

Developed a website like PenPal World and Facebook, from scratch, with full functionality.  
Applied PHP, HTML, JavaScript, MySQL, and Semantic UI and concepts of network security and abstraction.