Zelin Li

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EDUCATION

Huazhong University of Science & Technology   *Sep 2016 - Jun 2020*

Wuhan

- GPA: 3.6 / 4.0;
- Major: Electronic and Information Engineering
- Relevant Coursework: Data Structure(90), Programming in C(89), Calculus(85), Discrete Mathematics(85), Linear Algebra(84),Computer Network Techniques and Their Applications(91)

Huazhong University of Science & Technology   *Mar 2017 - Jan 2020*

Wuhan

- Double Degree;
- Major: Financial Engineering
- Relevant Coursework: Statistics,Microeconomics,Macroeconomics, Econometric, Securities Investment, etc.

HONORS & AWARDS

- National Encouragement Scholarship, by Ministry of Education   *2017.9*
- Scholarship for Self-improvement, by HUST Committee   *2017.9*
- Excellent League Member, by HUST Committee   *2017.10*
- Excellent Social Practice Project, by HUST Committee   *2018.3*
- Pacemaker of Self-improvement, by School of Software Engineering   *2018.4*
- The first Price of ZTE Software Design Competition, by School of Software Engineering   *2018.9*
- Social Public Welfare Scholarship, by HUST Student Affairs Office   *2018.9*
- Successful Participant of 2019 Mathematical Contest In Modeling   *2019.5*

RESEARCH EXPERIENCE

Intelligent Check-in Embedded System   *Mar 2019 - Jun 2019*

- Constructed wifi sniffing model on ESP32 board which can detect mobile phone MAC address and send it to the server automatically.
- With door open record and MAC address, We developd a CNN model using pytorch to match the person and MAC address. So that the systems can recognize a person when he come into the Detected area with his mobile phone.

Fast Consensus Algorithm and Network Coded Soft Defined Network   *Feb 2019 - Present*

School of Electronic Information and Communications , Undergraduate   *Wuhan*
Researsh Assistant

- Designed a fast consensus mechanism of blockchain using Golang and implemented an application prototype support Ubuntu 18.04 Server.
- Improved the DPOS+PBFT to achieve 1500 tps on algorithm program.
- Implemented gossip protocol to connect the nodes in blockchain.
- Interpreted and analyzed quantitative and qualitative results.

INTERNSHIP EXPERIENCE

Wuhan Pinssible Network Technology Co., Ltd. *Aug 2018 - Dec 2018*
Background Developer *Wuhan*

- I work as a background developer and data processing engineer. Using the node.js and Dynamodb database to develop and store the data from web so that the company can monitor servers load dynamically.
- Alert the managers when the servers load is too high.

EXTRACURRICULAR ACTIVITIES

Grant Center Assistant Committee of HUST *Jun 2017 - Jun 2018*
Minister , Volunteer Department *Wuhan*

- Organized students to guide tourists to the East Lake Greenway and maintain traffic order.
- Compulsory to solve software and hardware problems for other students.
- 200+ social public welfare service hours.

MISCELLANEOUS

- **Skills:** Golang (Proficient), C(Proficient), Python (Proficient), Matlab(Basic), Mysql(Basic)
- **Certifications:** National Computer Rank Examination (Level 3)
- **Languages:** English (Fluent), Chinese (Native), Cantonese (Native)
- **Activities:** Men's 1500m Long-distance Race (Top 8), Basketball Contest of HUST
- **Interests:** Basketball, Painting, Running, Singing

SELF ASSESSMENT

- I am motivated and positive students. I have the courage to explore the law of the operation of things.
- I am full of vigour. I like excercise to keep myself work efficiently.
- I am responsible. I believe that a promise is weightier than one thousand bars of gold.