

# YUANZHE RIJN(RYAN) BIAN

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## EDUCATION

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### University of Illinois at Urbana-Champaign

Bachelor of Engineering, Computer Science

Dual Degree: Bachelor of Science, Mathematics

August 2016 – December 2018

GPA: 3.98

### Nanjing University of Posts and Telecommunications(NUPT)

Bachelor of Science, Telecommunication Engineering (EE)

September 2014 – July 2016

GPA: 3.7

## EXPERIENCE

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### University of Illinois Research Park, EnterpriseWorks

Jan 2018 - May 2018, Sep 2018 – Present

*Software Engineer Internship*

Champaign, IL

- Designed manager system and SPA framework on Salesforce.

### Facebook

May 2018 – August 2018

*Software Engineer Internship*

Menlo Park, CA

- Worked on Spatial Computing Team. Helped to improve the geolocation data visualization tool.
- Designed and implemented an augmented reality navigation x-plat App. Worked with indoor localization group and map generation group. Fulfilled the group plan two months ahead of schedule.

### NextCapital Group

June 2017 – December 2017

*Software Engineer Internship & Remote Software Engineer Internship*

Chicago, IL

- Front-end group. Maintained NextCapital's front-end software which is written in Angular and React.
- Upgraded the unit test framework. Result in > 50% time saving on the CI by applying the new environment.
- Developed an intelligent report generator which can help the manager generating weekly target completion report by analyzing data from the time tracker automatically.

### UmiUni

February 2017 – Present

*Co-founder & CTO*

Champaign, IL

- Designed whole software architect. Participated and contributed to all projects, including design, programming, unit testing, code review and deployment planning. Developed back-end server powered by Node.js. Also developed front-end app by Vue.js, and contributed to the iOS App by RN.

### Dexta Robotics

March 2014 – August 2016

*Co-founder & Electrical Engineer*

Nanjing, China

- Developed an embedded system for Dexmo. Built the website.

### NUPT Party Committee Propaganda Department

April 2015 – June 2016

*Technical Adviser & Develop Lead*

Nanjing, China

- Wrote a class that using computer vision and machine learning techniques to identify verification code.
- Led a group to develop a load-balancing RESTful API service and a web-app that has millions of PV/yr.

## OPEN SOURCE PROJECT & RESEARCH <https://github.com/rijn>

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### iview/iview

UI components library with Vue.js. Main contributor.  
Over 15k people star or fork the repository.

### rijn/nodecho

A single user blog system powered by Node.js.  
RESTful API, Authorization, Markdown syntax.

## LANGUAGE AND TECHNICAL STRENGTHS

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### Computer Languages

C, C++, JavaScript, Node.js, Vue, React, React Native, Python, PHP, Verilog, Haskell, C#, CoffeeScript