YUANZHE (RYAN) BIAN

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EDUCATION

University of Illinois at Urbana-Champaign   August 2016 – December 2018
Bachelor of Engineering, Computer Science   GPA: 3.98
Dual Degree: Bachelor of Science, Mathematics

EXPERIENCE

Focus: Mobile Applications, Audio and Video Calling, React-based Websites and Webtools.

Meta Platforms, Inc.   February 2019 – Present
Software Engineer   Menlo Park, CA

· Working on Messenger and Instagram. Develop real-time communication Android application. Mainly focus on audio and video calling solutions.
· Worked on telephony and Bluetooth integration and compliance on Reality Lab. Built dialer Android application using Kotlin.
· Worked on Ads Manager App Team. Built the React Native ad interface for advertisers. Adapted the product to latest design system and led the workstream to migrate to strong typing system.

University of Illinois Research Park, EnterpriseWorks   Jan - May 2018, Sep – Dec 2018
Software Engineer Internship   Champaign, IL

· Developed student portal mobile application for research park.
· Worked on a summit registration form website using Salesforce.

Meta Platforms, Inc.   May – August 2018
Software Engineer Internship   Menlo Park, CA

· Worked on internal geolocation data visualization webtool.
· Designed and implemented an augmented reality navigation App for internal usage to help employees find their meeting rooms.

NextCapital Group   June – December 2017
Software Engineer Internship   Chicago, IL

· Front-end group. Maintained NextCapital's front-end software using Angular and React.
· Upgraded the unit test framework. Result in $> 50\%$ time saving on the CI by applying the new environment.
· Developed an internal management tool using Google Sheet to generate weekly report of bugs and tickets.

OPEN SOURCE PROJECT https://github.com/rijn

iview/iview
UI components library with Vue.js. Main contributor. Over 23k people star or fork the repository.

rijn/nodecho
A single user blog system powered by Node.js. RESTFul API, Authorization, Markdown syntax.

react-native-emoji-input
The most powerful emoji input source in React Native. Main contributor.

LANGUAGE AND TECHNICAL STRENGTHS

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