

# YUEYING YANG

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## EDUCATION

### Duke University, Pratt School of Engineering

Aug. 2019 – Dec. 2020(Expected)

*M.Eng. in Electrical & Computer Engineering*

- **GPA:** 4.0 / 4.0; ECE Merit Scholarship.
- **Coursework:** Engineering Robust Server Software, Systems Programming, Theory/practice of Algorithm

### Communication University of China (CUC)

Sept. 2015 – July 2019

*B.S. in Electronic Information Engineering*

- **Overall GPA:** 3.8 / 4.0 (Top 3%); First-Prize Scholarship of CUC (Top 3%) in 2016, 2017 and 2018

## SKILLS

**Experienced:** C/C++, Java, Python, JavaScript.

**Full Stack development:** MVC Architecture, React, Node, MongoDB, MySQL

## TECHNICAL EXPERIENCE

### IQIYI, Inc. (NASDAQ: IQ)

Beijing, China

*Software Engineering Intern(Full-Stack)*

Aug. 2018 – Dec.2018

- Integrate new features (e.g., data visualization and real-time data updates) into the company's in-house tool used by over 100 employees, helping them analyze public sentiment and forecast movie box office
- Connect databases for copyrights, movies, and TV shows to meet business logic demand; Develop an API to connect Grails to MySQL (using Groovy), simplifying database search for data mining scientists
- Develop interactive charts and tables that can streamline data analysis (using jQuery and Bootstrap)

### Beijing University of Posts and Telecommunications

Beijing, China

*The Leader of Front-end Team: Building Seismic Toughness Evaluation Web-App*

April 2017 - Dec. 2018

- Develop a single page application (SPA) for a building evaluation system (expected to be launched nationwide)
- Lead a 3-member front-end team to build a web interface with JavaScript, HTML, and ElementUI
- Collaborate with back-end developers and clients identify customer needs to accelerate the product development

### Engineering Research Center of the Digital Audio & Video

Beijing, China

*Web Development Intern (Front-End)*

Dec. 2017 - Sept. 2018

- Built a flexible information system using the .NET framework and Vue.js; Responsible for integrating user features (including user authentication and user role management) in the system

## ACADEMIC PROJECTS

### Ride Sharing Web App – Mini Uber, Team Project

Jan. 2020

- Built a full-stack application allowing users request and match the ride orders using Django in Python
- Designed data storage models for PostgreSQL, implemented business workflow and front-end webpages

### Data Monitoring Software based on IoT, Individual Project

April 2019 - May 2019

- Developed a configurable data monitoring Web-App using React, NodeJS and MongoDB
- Implemented time-series data storage by time-based bucketing one document per minute in MongoDB; pre-aggregated raw data at back end to increase query performance
- Built user interface components like auto swiper view; applied dual line and column charts based on Highcharts.JS

## EXTRACURRICULAR ACTIVITY

### Network for Voluntary Services

Nairobi, Kenya

*Volunteer: Childcare*

Feb. 2019

- Helped out with the day-to-day operations in pre-schools
- Worked with children between the ages of 1 and 6 years old, teaching basic English and math

### Coding Girls Club

Beijing, China

*Volunteer: Event Coordinator and Social Media Operation*

July 2018 - Aug. 2018

- Assisted in the implementation of the one-day workshop in college, smoothing a 150 people's event
- Responsible for the social media operation of the organization