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# Yucheng He

*Richard*

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## Education

### **Bachelor of Arts, Rice University**

Computer Science | Statistics | Financial Computation and Modeling

**Aug. 2015 – Dec. 2018**

GPA: 3.76

*President's Honor Roll*

### **Master of Computational Science and Engineering, Rice University**

**Jan. 2019 – Dec. 2019**

## Work Experience

### **Software Development Engineer Intern, Amazon**

**May 2018 – Current**

- Working at Automated Advertising team to deliver Dynamic Product Ads on social network platforms
- Develop interest targeting advertisements on Gemini(Yahoo)

### **Product Development Intern, Pros Holdings Inc.**

**Jun. 2017 – Aug. 2017**

- Created Currency Conversion REST Service using Dropwizard, Cassandra and GoCD
- Worked on a cross functional team to win PROS internal hackathon by building a travel recommendation service using Watson API and k-NN algorithm

### **Summer Analyst, ChinaSix LLC.**

**Apr. 2014 – Aug. 2015**

- Performed market research and data analysis about Tesla Motors Inc. in China
- Researched and delivered analysis on the supply chain and import procedures of Tesla Motors Inc.

## Other Relevant Work Experience

### **UPenn Management & Technology Summer Institute**

**Jul. 2014 – Aug. 2014**

- Designed using Arduino and marketed a smart mug that can show temperature and anti-spill
- Rolled out “go-to-market” strategy and executive summary
- Pitched the idea to real investors and a class of 50 people
- Field trips to tech start-up companies and met with CEOs

### **Engineer, Self-Made Turbine Engine for Model Aircraft**

**May 2014 – Jul. 2015**

- Combined FD3-64 and KJ66 type turbine engine models and made a few modifications to create a cheaper, more efficient turbine engine
- Engineered a turbine engine for model aircraft that has the thrust of 8kg

## Leadership Experience

### **Rice FinTech Scholars**

**Nov. 2017 – Present**

- Perform technical review of disruptive financial technologies
- Explore entrepreneurial opportunities in the intersection between tech and finance

### **Event Coordinator, Rice Blockchain**

**Nov. 2015 – Present**

- Plan events on educating students about the technical background of blockchain technology
- Plan round table discussion on applying blockchain technology

## Skills

- Technical: Python, Java, Docker, Dropwizard, Scala, JavaScript, Cassandra, DynamoDB, Agile
- Language: Chinese, English, German