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Yucheng He
Richard

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Education
Rice University, Houston, TX   **May 2019**
Computer Science | Statistics   GPA: 3.69

Work Experience
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

Externship, IBM Austin   **Mar. 2016**
- Learned about different departments of IBM Austin and participated in Watson Lab hackathon

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
Electrical Team, Rice Electrical Vehicle Team   **Aug. 2015 – Present**
- Designed the geometry and telemetry part of the electrical vehicle using android SDK and Arduino
- Entered the "Shell Eco-Marathon" Competition

Rice CS Department Advising Committee   **Nov. 2015 – Present**
- Gathered and delivered student recommendation for improving Rice CS Department

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