

Haojun Sui (Charles)

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Objective To obtain Software Engineering Intern beginning May 2016 to August 2016 or full-time Software Engineering beginning May 2017.

Education B.S. in Computer Science, Pennsylvania State University Graduation: May, 2017
B.S. in Mathematics, Pennsylvania State University Graduation: May, 2017
Concentrations in System Analysis Option
B.S. in Statistics, Pennsylvania State University Graduation: May, 2017
Concentrations in Applied Statistics Option
Cumulative GPA: 3.86

Certifications edX Verified Certificate for Introduction to Big Data with Apache Spark July, 2015
edX Verified Certificate for Scalable Machine Learning August, 2015

Experience **Software Engineer Internship**, Institute of CyberScience Fall, 2015 - Present

- Managing Apache Hadoop and Spark server on campus
- Helping university professors resolve technical issues while using Apache Hadoop and related data analysis software

Software Developer, Team BeepBeep, STATEWARE, Penn State Fall, 2015

- Created a traffic system builder and simulator in Unity
- Implemented road system and vehicle interaction

Team Member of DuckDuckHack Contributors, DuckDuckGo October, 2015

- Created Instant Answer for DuckDuckGo to display prime numbers between range of numbers given by users.

Software Engineer Internship, Shanghai Software Centre of China Summer, 2015

- Researched in Big Data Analysis using Apache Spark
- Performed Text Analysis and Entity Resolution on Amazon and Google products database
- Implemented TF-IDF algorithm, clustering algorithm, and other machine algorithm using Apache Spark and Apache Hadoop

Software Developer, Team 956, FIRST Robotics Competition Spring, 2013

- Created workstation software, which displays multiple camera feeds from robot on the screen
- Implemented robot's movement and motor control in Java

Academic Honors Dean's List of Distinguished Students Fall 2013 - Present
Accepted in Schreyer Honor College in Penn State Summer 2015 - Present

Technical Skills

Programming Languages: C, C++, Java, Python, R, SQL, C#, Scheme, JavaScript, Scala, Objective-C, HTML, CSS

Tools & Technologies: Apache Spark, Apache Pig, Apache Hadoop, Apache Tomcat, Minitab, Unity, Matlab

Databases: MySQL, MongoDB