

# YUEHUI WANG

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**Objective:** Seeking a full-time position in software engineering, beginning in January 2018

## EDUCATION

Pennsylvania State University  
GPA: 3.70/4.00  
B.S. in Computer Science  
Dual Minor: Statistics & Math  
Graduation: Dec 2017

## INTERESTS

Big Data, ETL, Java, iOS, Web

## SKILLS

- **Technology:**  
Apache Spark, iOS, Node.js, ASP.NET, HTML5, Git
- **Language:**  
Java, C++, C, Scala, C#, Swift, Objective-C, Scheme
- **Database:**  
MySQL, Oracle, MongoDB

## AWARDS

- **Hackathon Champion**  
11th Annual CrimsonU Hackathon
- **Speech Contest Semi-finalist**  
2015 Leonhard Center Speaking Contest
- **Engineering Envoy Scholarship**  
College of Engineering
- **Dean's List**  
Fall 2016, Fall 2015, Spring 2015, Fall 2014, Fall 2013
- **Most Improved Player & Third place at Regional**  
CSCS Varsity Tennis

## WORK EXPERIENCE

### The Advisory Board Company Software Engineering Intern

Washington, DC  
June 2017 - Present

- Work with *Payment Integrity Compass* team that focuses on scaling hospital revenue cycle system to manage payer performance, underpayment and denials
- Design and develop a Big Data ETL solution using Apache Spark and Scala that analyzes health care diagnosis and procedure data
- Write unit and integration tests with libraries such as Spark-Testing-Base and FunSuite and execute to ensure software quality

### Lutron Electronics Software Engineer Co-op

Coopersburg, PA  
January 2016 - August 2016

- Designed a schedule recommendation system that analyzes user activity data and presents suggestions on iPhone application using Java, MySQL and Objective-C
- Developed an "Away" mode feature on iOS using Objective-C for Caseta Smart Bridge that integrates with Nest Home/Away Assist and GeoFencing
- Built a data analysis program using C# that processes system-wide data and creates reports in Excel for marketing research purpose

### Edible Arrangements International Software Development Intern

Wallingford, CT  
May 2015 - August 2015

- Engineered a mapping analysis application using ASP.NET and Google Web API to analyze live sales data retrieved from SQL server
- Integrated the company's CRM portal with LogMeIn Rescue remote connection features using ASP.NET Visual Basic
- Redesigned the navigation bar on edible.com and an outdated delivery APP login page using HTML5

### SoShare Mobile Group Functional Test Intern

Beijing, China  
June 2014 - August 2014

- Partnered with the product design team to understand software functionalities
- Designed comprehensive test cases and executed test flow using Javascript console

## LEADERSHIP & CAMPUS INVOLVEMENT

### College of Engineering CMPSC 101 Student Mentor

University Park, PA  
September 2015 - December 2015

- Provided guidance and support to students regarding course materials and assignments in C++ programming
- Assisted professor and other student mentors in grading 200 students' assignments

### Paws of Friendship Webmaster, Recruitment Chair

University Park, PA  
October 2013 - May 2015

- Self-built and maintained the club website to present club news and events
- Recruited new members at involvement fairs and managed club ListServ account
- Participated in various activities including bake sales, community events and THON

### Association for Computing Machinery Member

University Park, PA  
January 2014 - Present

- Cooperated with Civil Engineering Department to create a basic user controlled traffic simulator to analyze vehicle traffic scenarios using Unity framework