

# 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

## AWARDS

- **Hackathon Champion**  
11th Annual CrimsonU Hackathon
- **Speech Contest Semi-finalist**  
2015 Leonhard Center Speaking Contest
- **Envoy Scholarship**  
College of Engineering
- **Dean's List**  
Fall 2016, Fall 2015, Spring 2015, Fall 2014, Fall 2013

## SKILLS

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

## WORK EXPERIENCE

### The Advisory Board Company

*Software Engineering Intern*

Washington, DC

June 2017 - August 2017

- Developed scalable Big Data ETL solutions using Apache Spark, Scala and Oracle database to analyze large health care datasets in terabytes
- Improved performance by reverse engineering 10+ years old cursor style PL/SQL code to Big Data batch processing in Spark Scala
- Built an interactive data analytics tool using Apache Zeppelin that visualize data statistics retrieved from Spark cluster

### 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 Caséta 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 CRM portal with LogMeIn Rescue using ASP.NET and Visual Basic
- Redesigned the navigation bar on edible.com and an delivery APP login page using HTML5

### ParkingBee

*Part Time Web Developer*

State College, PA

November 2016 - February 2017

- Developed website features using Node.js and MongoDB at a local parking startup
- Participated in promoting brand awareness through various events

## LEADERSHIP & CAMPUS INVOLVEMENT

### Career Resources & Employer Relations

*Career Envoy*

University Park, PA

September 2015 - Present

- Help students with résumés, cover letters, interviews and professionalism at work
- Give career-related presentations in First-Year Seminar classes

### EECS

*CMPSC 431W - Teaching Intern*

University Park, PA

August 2017 - Present

- Assist professor in teaching 150+ students in *Database Management Systems* course

### College of Engineering

*CMPSC 101 - Student Mentor*

University Park, PA

September 2015 - December 2015

- Supported 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
- Participated in various activities including bake sales, community events and THON