# 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
- 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

#### 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
- Wrote and executed complete unit and integration tests 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- Redesigned the navigation bar on edible.com and an outdated delivery APP login page using HTML5

#### **ParkingBee**

Part Time Web Developer

State College, PA November 2016 - Feburary 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

## 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