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
Minor in Mathematics
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

Working Knowledge:
Java, Scala, C++, C, Apache
Spark, Node.js, HTML5, Git,
iOS, Swift, MySQL, MongoDB,
Google Maps API
Basic Knowledge:
C#, Objective-C, Scheme,
ASP.NET, AWS

WORK EXPERIENCE

The Advisory Board Company   Washington, DC
Software Engineering Intern   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   Coopersburg, PA
Software Engineer Co-op   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   Wallingford, CT
Software Development Intern   May 2015 - August 2015

- Engineered a mapping analysis application using ASP.NET and Google Maps 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   State College, PA
Part Time Web Developer   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

Career Resources & Employer Relations   University Park, PA
Career Envoy   September 2015 - Present

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

School of EECS   University Park, PA
Database Mgmt Systems — Teaching Intern   August 2017 - Present

- Assist professor in teaching 150+ students in *a Database Management Systems* course
- Host office hours to help students with programming assignments in C

College of Engineering   University Park, PA
Intro to C++ — Student Mentor   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   University Park, PA
Webmaster, Recruitment Chair   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