JOI Y. WU

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EDUCATION

UNIVERSITY OF MIAMI   *MAY 2018*
Bachelor of Science Mechanical Engineering, Minor in Mathematics
GPA 3.905

WORK EXPERIENCE

PROCTER & GAMBLE   *SUMMER 2017*
Engineering Intern
- Managed capital projects resulting in over $40,000 in annual savings.
- Collaborated with plant technicians to troubleshoot and resolve machinery issues.
- Worked with vendors and construction to complete various installations and replacements.
- Developed test plans and conducted research to improve product quality.

COMCAST TECHNOLOGY SOLUTIONS   *SUMMER 2016*
Product Development Engineering Intern
- Automated report processes in Tektronix using Ruby & Bash scripting.
- Developed test harnesses for new software & communicated with vendors.
- Performed Quality Control of audio & video assets.
- Received basic training with Java, Protractor, & Angular JS.

COMCAST SPOTLIGHT   *SUMMER 2015*
Information Technology Intern
- Imaged & deployed 50+ devices including both new capital & devices requiring upgrades.
- Developed skills in: Sales; Account Coordinating; Traffic; Master Control; & Creative Services.

PROJECTS

Research & development   *Fall 2014 - present*
- Hydrogel as an Additive to Cement (*Spring 2017*)
- Extraction of Chlorophyll for Epoxy Paint (*Fall 2016*)
- Automated Haikus Using Twitter API (*Summer 2016*)
- Multi-Platform Push Notifications (*Summer 2016*)
- Effect of Videogames on Pulse Rate (*Spring 2016*)
- Water Powered Vehicle (*Spring 2015*)
- Egg-Launcher & Catching Mechanism (*Spring 2015)*
- Mouse-Trap Car (*Fall 2014*)
- K'Nex Bridge (*Fall 2014*)

LEADERSHIP

AMERICAN SOCIETY OF MECHANICAL ENGINEERS   *SPRING 2016 – FALL 2017*
President
- Build-It: Orchestrated a design and engineering competition for over 400 high school students.
- International Submarine Races: Oversaw the process of budgeting and building a human powered submarine.

SOCIETY OF WOMEN ENGINEERS   *SPRING 2014 – SPRING 2015*
Marketing Chair
- 2016 SWE Region D Conference: Designed and maintained conference website through Wild Apricot.

SKILLS
- Project Management, Leadership, & Interpersonal Communication
- Basic HTML, SolidWorks, Creo 3D, AutoCAD, MATLAB, & Ruby
- Experience with Proficy, Station, Arduino, Eclipse, Github, SalesLook CRM, STRATA, & VLC.
- Conversational Spanish & Mandarin