JOI Y. WU

253 Lois Circle, Louisville, CO 80027 | jwu8590@miami.edu | (720) 496-5728

EDUCATION

UNIVERSITY OF MIAMI   *MAY 2018*
Bachelor of Science Mechanical Engineering
GPA 3.869

WORK EXPERIENCE

COMCAST   *SUMMER 2016*
Product Development Engineering Intern
- Automated report processes in Tektronix using Ruby & Bash scripting.
- Developed test harnesses for new software and communicated with vendors.
- Created automated haikus using the Twitter API in Go & Ruby.
- Performed Quality Control of audio & video assets.
- Assisted with in-depth research and analysis on new transcoding servers.

COMCAST SPOTLIGHT   *SUMMER 2015*
Information Technology Intern
- Imaged & deployed 50+ devices including both new capital & devices requiring hardware &/or software upgrades.
- Answered Remedy tickets by troubleshooting user issues with programs, devices, networks, software & permissions.
- Developed skills in: Sales; Account Coordinating; Traffic; Master Control; & Creative Services.

PROJECTS

RESEARCH & DEVELOPMENT   *FALL 2014 - PRESENT*
President
- 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 - PRESENT*
President
- International Submarine Races: Overseeing the process of budgeting and building a human powered submarine.
- Build-It: Orchestrating an annual design and engineering competition in the areas of aerodynamics and propulsion for over 400 high school students.

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

SKILLS
- Basic HTML, Creo 3D, AutoCAD, MATLAB, Bash (Unix shell) & Ruby
- Experience with Vertical & Horizontal Milling Machines, Arduino, Baton, Eclipse, Elemental, Github, IntelliJ, MediaInfo, MPX, Tektronix, Twitter APIs, Remote Desktop/VMware, SalesLook CRM & VLC
- Conversational Spanish & Mandarin
- Leadership & Interpersonal Communication

REFERENCES

JOE STRAUB, DIRECTOR 2   **ANN HELMERS**, DIRECTOR
Comcast | VOD   University of Miami | Career Planning & Placement
joe_straub@cable.comcast.com   ahelmers@miami.edu