Campus Address
412 E Stoughton
Champaign, IL 61820

Wiley C.W. Jones

wcjones3@illinois.edu
(217) 552-8868

Permanent Address
209 Gailardio
Savoy, IL 61874

EDUCATION

University of Illinois at Urbana – Champaign	**August 2013 – Present**

B.S. Mechanical Engineering, Electrical Engineering minor, James Scholar
Expected Graduation – May 2017
Cumulative GPA – 3.53/4.00

WORK EXPERIENCE

PricewaterhouseCoopers: San Jose, California	**June 2016 – August 2016**

Technology Consulting Intern
- Worked with a PwC Technology, Information, Communication, Media (TICE) client on software program management strategy
- Established rigorous organizational processes across workstreams to empower innovative and efficient development

Cummins Power Generation: Fridley, Minnesota	**May 2015 – August 2015**

Commercial/Mobile Generator Product Design Intern
- Operated across product design and controls teams to develop generator controls architecture for a new product introduction
- Designed future-protected control board and engine I/Os, increasing flexibility with massive cost-reductions

College of Engineering at University of Illinois: Urbana, Illinois	**April 2015 – December 2015**

Engineering 100 Teaching Assistant
- Taught introductory course Engineering 100 to first year Mechanical Engineering students
- Served as a resource, mentor, and peer advisor to students, helping provide a seamless integration into college

Department of Mechanical Science and Engineering at the University of Illinois: Urbana, Illinois	**May 2014 – May 2015**

Undergraduate Research Assistant under Dr. Glumac – Energetic Materials Lab
- Increased mobility, seal integrity, and functionality of a high pressure blast chamber
- Performed and designed experiments with image and data capture for detonations of high explosives

Office of Dean of Students at the University of Illinois: Urbana, Illinois	**January 2014 – September 2014**

Orientation Student Leader
- Served as a facilitator for Illinois Leadership Center retreats and orientation events for incoming students
- Mentored and guided a small group of first generation college students to ensure their success on campus

EXTRACURRICULAR EXPERIENCE

Sequoia Capital	**May 2016 – Present**

Student Ambassador
- Represent the Sequoia brand on UIUC's campus and help connect them with talented students, promising founders and companies

Founders	**January 2015 – Present**

Startup Bootcamp Director (2015)
- Developed a mini-accelerator/event series focused on providing mentorship and funding to grow UIUC student startups
- Program participants raised over $250,000 for their companies, now in other acceleration programs working toward Seed Round financing

Microgrants Advisor (2016)
- Sourcing, financing, and advising early-stage student startups on UIUC campus, helping provide a platform for growth

Sigma Phi Epsilon, IL – Alpha	**August 2013 – Present**

Vice President – Residential Learning Community (2015)
- Managed excellence of members, achieving 2nd highest GPA out of all 48 fraternities on campus and winning Chapter of the Year award

Engineering Employment EXPO Committee Member	**April 2014 – December 2015**

Treasurer
- Managed financial operations of 2nd largest student-run career fair in the country, annually hosting 300 companies

HONORS AND TECHNICAL SKILLS

Honors

- Boy Scouts of America – Eagle Scout Award	**January 2013**

Technical Skills
- ProE/CREO CAD, FMEA, DFMA, Fabrication and Prototyping, Circuit Design
- MATLAB/Simulink, Python, C/C++, LabView (Mechatronics), RPi/Arduino, OpenCV, scikit-learn

RELEVANT COURSEWORK AND PROJECTS

Coursework
Computer Ctrl Systems, Linear and Nonlinear Control Theory, MEMS/NEMS Design and Fab., Analog/Digital Signal Processing, Electromechanics, Advanced Circuit Design, Advanced Mechanical Design I/II, Applications of Data Structures, Engineering Statistics and Probability

Projects
- Personal website/portfolio (http://wileyjones.com/)
- Investigations of topics in nonlinear control theory: phase portraits, bifurcation, Lyapunov functions, etc.
- Webinar/presentation on autonomous vehicle technology (slides, video)
- Lane detection computer vision algorithm, identifying cars in other lanes
- Determining driving speed from front-facing dashboard camera