

Campus Address:

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EDUCATION

University of Illinois at Urbana-Champaign Expected May 2018
Bachelor of Science in Bioengineering, Minor in Political Science

WORK AND RESEARCH EXPERIENCE

- Opto Nuro Technology Lab –Undergraduate Researcher** Urbana, IL – 2016 to present
 - Using ontogenetic to understand signaling and learning patterns in disassociated neuron networks
 - Project is funded under Illinois Scholars Undergraduate Research Program
- Engineering Learning Assistant –Engineering 100 instructor** Urbana, IL – 2016 to present
 - Instructed an introductory class of 20 freshman engineering students
 - Created lesson plans, graded assignments, advise students, and organized group projects.
- Mayo Clinic- Student Undergraduate Research Fellow** Jacksonville, FL- Summer 2016
 - Uncovered novel genetic factors involved in Parkinson’s disease through DNA sequencing
- Imoukhuede Systems Biology Lab –Undergraduate Researcher** Urbana, IL – 2015 to 2016
 - Studied the effects of environment on growth factors in HUVEC and HDF cell lines

ACTIVITIES

- Society of Women Engineers** 2014-present
External Vice President (2016), Fundraising Director (2015), Creativity Chair (2014)
 - Coordinated with company representatives to plan professional development events, informational sessions, and tech talks
 - Expanded company sponsorship and managed requests from committees for event funding
 - Lead and supported an officer board of 22 officers
 - Oversaw and supported events held by committee members
 - Developed new events to raise money for local section
- Engineering Council** 2015-2017
E-Week Committee – Marking Chair (2016), Society Competition Co-Chair (2017)
 - Generated logo and promotional videos to promote the week long competition
 - Organized hosts for events and manage point totals for each team
- Engineering Open House (EOH) Committee - Director of Judging and Awards (2017)** 2015-2017
Director of Internal Relations (2016)
 - Largest student-run event with exhibits and competitions attended by several thousand visitors
 - Managing judging registration and distribution of awards
 - Communicated with local businesses to host food trucks and an entertainment tent with local performers
 - Coordinated the sale of merchandise to visitors

Study Abroad

- Havana, Cuba** Winter 2016
 - Took a class on US-Cuban Relations from the cold war until now
 - Experienced the effects of the US Embargo and learned about Cuban citizen’s perception of the United States at a time of policy change.

Skills

Wet lab

- Mammalian Cell Culture, Bacterial culture, Fluorescence in Situ Hybridization, Western Blotting, Polymerase Chain Reaction, Taqman Assays, Fluorescent Imaging, Sequencing, and Bacterial Maxiprep.

Other

- Microsoft Word, Excel, and Powerpoint, Public Speaking, and Teamwork

HONORS

- UIUC Engineering James Scholar 2014-2016
- Engineering Council Committed Students Award 2016
- SWE Leadership Certificate Recipient 2015