



pulsevisions

future in focus 20/20

JOIN US

Dear Potential Sponsor,

We cordially invite you to be a part of Pulse 2020 - Visions, our 9th annual celebration of ECE and CS innovation at the University of Illinois !

Each year, hundreds of students and several corporate sponsors, each with their own passions, come together to explore the latest advancements in ECE and Computer Science at our student-run conference. This year, we hope to attract engineers and leaders from various computing backgrounds to participate in our stimulating competitions, engaging workshops, and inspiring tech talks.

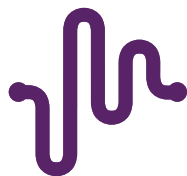
As a sponsor you will:

- Have access to a diverse and talented group of students
- Share new technologies, showcase your brand, and inspire innovation
- Develop personal connections beyond recruiting
- Learn about cutting-edge innovations made by students, professors and campus organizations























The engineering programs at Illinois contribute to the university's reputation as a hub for innovation and global impact. Pulse brings in highly motivated engineers, contributes to an exchange of new ideas, and fosters excitement around innovation. With your collaboration, we can continue to create worldwide impact and inspire more individuals to do the same.






If you have any questions or concerns, please contact us at pulse.illinois@gmail.com.

Best Regards,
Pulse 2020 - Visions Team



TIERS

		Bronze \$1,500	Silver \$3,000	Gold \$5,000	Platinum \$12,000+
Recruiting	Networking/Social event in ECE Building				
	Access to Resume Book (submitted by all Pulse participants)				early access
	Sponsored Lightning Tech Talk				first priority
	Sponsored Technical Workshop **(Limited slots available)		 **		first priority
	Participate in Corporate - Student Competition				first priority
	Sponsored Competition and Prizes (Hardware or Software)				
	Recruiting Space in ECE Lobby			shared	exclusive
Advertising	Advertisement on all Pulse material including Website & Social Media				
	Logo on T-shirt (provided to all participants)	small	medium	large	primary
	Ad space in Pulse publication			half-page	full-page
	Exclusive logo (Campus buses, Dining Halls, etc.)				
	Exclusive title sponsorship (Pulse Co-hosted by...)				

		Regular \$1,500	Title \$3,000
Women in Tech	Women in Tech Lightning Talks (Limited space)		
	Exclusive Women in Tech Networking Event		
	Logo on T-shirt (provided to all participants)	large	primary
	Title Sponsor for Women in Tech Day (WIT powered by...)		

SCHEDULE

*** Schedule is tentative and is subject to change based on sponsor availability. Please email us at pulse.illinois@gmail.com with any questions ***

Overview

January | February 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
19	20	21	22	23	24	25 High School Day
26	27 Lightning Talks Workshop	28 Women in Tech Day	29 Recruiting Keynote Address Workshop	30 Recruiting/Office Hours Lightning Talks Workshop	31 Future of Tech Events Corporate Competition	1 Hardware Competition
2	3 Corporate Connection After Hours	4 ECS Career Fair	5 ECS Career Fair	6	7	8

COURSES

Course	Title	Core Concepts
Required Electrical/Computer Engineering		
ECE 110	Intro to Electronics	DC circuit analysis Discrete components
ECE 120	Intro to Computing	Digital logic Computer organization
ECE 210	Analog Signal Processing	Fourier Analysis Frequency domain analysis
ECE 220	Computer Systems & Programming	C Programming Binary representations
ECE 313	Probability with Engr Application	Probability distributions (Gaussian, etc.) Applications of probability
ECE 329	Fields and Waves I	Maxwell's equations Transmission line analysis
ECE 340	Semiconductor Electronics	BJT's, MOSFETs, p-n junctions Semiconductor fundamentals
ECE 385	Digital Systems Lab	VHDL or Verilog Digital system design using FPGA
Required Supplementary Computer Engineering Curriculum		
CS 173	Discrete Structures	Sets, propositions, boolean algebra, induction, recursion, graphs
CS 225	Data Structures	C++ and object-oriented programming Data structures (linked lists, trees, graphs)
ECE 374	Intro to Algorithms & Models of Computation	Design and analyze algorithms Utilization of models of computation
ECE 391	Computer Systems Engineering	Device programming Operating system fundamentals
ECE 411	Computer Organization & Design	Instruction Set Architecture Memory organization Input-Output