

Will Sussman

wsussman@mit.edu

EDUCATION

Massachusetts Institute of Technology (MIT) , Cambridge, MA	8/2021—present
PhD Student in Electrical Engineering and Computer Science; Jacobs Presidential Fellow Networks and Mobile Systems Group, Computer Science & Artificial Intelligence Laboratory (CSAIL) Advised by Hari Balakrishnan	
Yale University , Berkeley Residential College, New Haven, CT	8/2017—5/2021
B.S. in Electrical Engineering and Computer Science with Distinction; Certificate in Data Science Advised by Wenjun Hu	
Miller Place High School , Long Island, NY	9/2013—6/2017
Valedictorian; National Merit Scholar; National AP Scholar; New York State Leadership Award	

PUBLICATIONS

LAVA: Fine-Grained 3D Indoor Wireless Coverage for Small IoT Devices	8/2021
R. Ivan Zelaya, Will Sussman , Jeremy Gummeson, Kyle Jamieson, Wenjun Hu In Proceedings of the 2021 ACM SIGCOMM 2021 Conference (SIGCOMM '21)	
Soil Extractor	12/2020
Ekaterina Danchenko, Will Sussman , Pradhi Aggarwal, Francis Kigawa U.S. Provisional Patent Application 62/858,577	

AWARDS

MIT Jacobs Presidential Fellowship	6/2021
Yale Franz Tuteur Memorial Prize	5/2021
Yale Berkeley College Community Leadership Prize	5/2021
Yale Berkeley College Mellon Forum Undergraduate Research Grant	1/2021
IEEE Computer Society Richard E. Merwin Student Scholarship	9/2020
Yale Belle and Carl Morse Prize in Engineering & Applied Science	5/2020
Yale Robin Berlin Fellowship	5/2020
NIST Summer Undergraduate Research Fellowship (canceled due to COVID-19)	3/2020
IEEE Region 1 (Northeastern U.S.) Larry K. Wilson Student Activities Award	8/2019
Yale Berkeley College Richter Summer Fellowship	4/2019
Yale College Dean's Research Fellowship in the Sciences	3/2019

ACTIVITIES

Ashdown House	9/2021—present
Coffee Hour Officer	
Yale Student Branch of the Institute of Electrical and Electronics Engineers (Y-IEEE)	1/2018—5/2021
Founding Chair	
Amateur Radio Club at Yale (W1YU)	1/2020—5/2021
President	
Yale Computer Society (YCS)	8/2017—12/2020
Social Chair; Treasurer; Co-Lead of HackNights Team	
Yale Undergraduate Research Association (YURA)	12/2019—12/2020
Community Director; Member of Committee on Symposium for Minorities in Research	
Yale Senior Society of Zinnia	4/2020—5/2021
Initiation Co-Coordinator	
Yale Undergraduate Aerospace Association (YUAA)	9/2017—5/2018
Member of Radio-Controlled Solar Plane Team	
Independent Party (IP) of the Yale Political Union (YPU)	8/2017—5/2018
Lieutenant Whip	
Yale Engineering Student Advisory Committee (ESAC)	2/2020—5/2021
Yale Electrical Engineering Peer Mentor	10/2019—5/2021
Yale College Council of Representatives	9/2018—5/2019

EMPLOYMENT

Online Experiences for Yale Scholars (ONEXYS)	4/2018—8/2021
Supercoach (co-head math tutor & student life advisor)	
Private Tutor of Math & Computer Science	5/2017—5/2021
Suffolk County Board of Elections	7/2020—11/2020
Pollworker	
Stop & Shop Supermarket	7/2016—8/2016
Cashier	