

# Iris Hu

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EDUCATION	<b>University of Maryland, College Park</b> B.S. Computer Science; Minors: Linguistics, General Business • President's Scholarship, National Merit Scholarship • Course Facilitator for CMSC3890: The Coding Interview	Expected May 2021 GPA: 3.9
SKILLS	<b>Languages</b> Python, Go, TypeScript/JavaScript, Java, C, HTML, CSS, SQL <b>Technologies</b> Git, React.js, gRPC, GraphQL, Node.js, AWS, Django	
EXPERIENCE	<b>Samsara</b> <i>Software Engineering Intern</i> • Hierarchically reorganized file defining user permissions; reduced lines of code by 1/3 (600 lines) • Improved and added internal tooling around the product's core authorization system to address visibility and usability shortcomings—saving many hours of engineer time spent on understanding, testing, and debugging permissions related issues • Reviewed bug bounty reports: reproduced the bug, determined impact, investigated root cause	Jun 2020 – Aug 2020
	<b>Dropbox</b> <i>Software Engineering Launch Intern</i> • Reduced account lockout and improved user experience by building recovery features on the desktop client to be used in case of lost access to Two-Factor Authentication codes • Improved password safety by implementing encryption and decryption libraries to address key security concern of accidental plaintext password logging	May 2019 – Aug 2019
	<b>Parsons Corporation</b> <i>Computer Science Engineer Intern</i> • Eliminated bugs and added features to Capture the Flag (CTF) Scoreboard used at company-sponsored events, NCP training, and the Maryland STEM Festival • Drove initial development of web app hosting groups called "Zazzys" that help to incubate innovation, enable collaboration, and drive greater speed and agility via crowdfunding • Demo of the web app prototype by Leadership Council in front of Parsons CEO secured \$75,000 of project funding on the spot	May 2018 – Aug 2018
PROJECTS	<b>Truth Serum</b> <i>Dropbox Intern Hack Week</i> • Built a lightweight web app for distinguishing real and fake images of Tweets • Used Google Vision API to parse text from images and submit to Twitter for validation • Collaborated with designer and another engineer to create an MVP within a week	2019
	<b>Cycles for Her Future</b> <i>Technica (UMD's All-Women Hackathon)</i> • Won Best Education/Diversity and Inclusion Hack sponsored by Bloomberg • Created interactive, informational game to raise awareness about Girl Up's SchoolCycle initiative to bring girls in developing countries better access to education	2017
SELECTED COURSEWORK	Advanced Data Structures, Programming Languages, Algorithms, Intro to Data Science, Intro to Computer Systems, Object-Oriented Programming I & II, Intro to Machine Learning	