


Iris Hu

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EDUCATION

University of Maryland, College Park

Expected May 2021

B.S. Computer Science; Minors: Linguistics, General Business

GPA: 3.9

- President's Scholarship, National Merit Scholarship
- Course Facilitator for CMSC3890: The Coding Interview

SKILLS

Languages Python, Go, TypeScript/JavaScript, Java, C, HTML, CSS, SQL

Technologies Git, React.js, gRPC, GraphQL, Node.js, AWS, Django

EXPERIENCE

Samsara

Jun 2020 – Aug 2020

Software Engineering Intern

- 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

Dropbox

May 2019 – Aug 2019

Software Engineering Launch Intern

- 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

Parsons Corporation

May 2018 – Aug 2018

Computer Science Engineer Intern

- 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

PROJECTS

Truth Serum

2019

Dropbox Intern Hack Week

- 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

Cycles for Her Future

2017

Technica (UMD's All-Women Hackathon)

- 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

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