Yasha Mostofi

yasha.mostofi@gmail.com | 630-303-7034

www.yashamostofi.com | www.github.com/redsn0w422 | www.linkedin.com/in/ymostofi

EDUCATION

University of Illinois, Urbana-Champaign, Computer Science   B.S. 2018, M.S. 2019
- Coursework: Theory 2, Applied Machine Learning, Algorithms & Models of Computation,   *James Scholar*
Programming Languages & Compilers, System Programming, Data Structures,   *Dean's List (sp16, fa16)*
Computer Architecture, Discrete Structures, Foundations of Data Science,   *3.77 mGPA, 3.72 GPA*
& Probability in CS

SKILLS
- Fluent: C/C++, Go, Python, Haskell, JavaScript, Java, Node.JS, HTML/CSS, PHP
- Beginner: Swift, Ruby, Objective-C, Arduino C, and R

EXPERIENCE

Stripe | Software Engineering Intern   May - Aug. 2017
     Observability team; worked on Veneur & Unilog using Go to improve the Observability pipeline

CS 241 Systems Programming | Course Assistant   Jan. 2017 - present
     Lab sections, office hours, assignment development, and auto-grading infrastructure

Capital One | Software Engineering Intern   Aug. 2016 - May 2017
     ReactJS web app for partners to configure credit decision engine

Intel | Software Engineering Intern   May - Aug. 2016
     *Expanded tool for internal data visualization and used Linux Perf to collect machine
performance data*

State Farm | Systems Intern   Jan. - May 2016
     Used NumPy, Sci-kit learn, and Pandas for data processing with mobile data

CS Dept. at UIUC | Research Assistant   Sept. 2015 - May 2016
     *Worked with Professor M. Winslett & published [1] in fall 2015
built performance analysis dashboard to optimize development on supercomputing platforms*

PUBLICATIONS

[1]   Luu, H., Aleyasen, A., Winslett, M., **Mostofi, Y.**, Peng, K. Toward Universal Analysis and Visualization of
HPC Application Input/Output Behavior. 2015. (http://yashamostofi.com/paper1.pdf)
SC15: 6th International Workshop on Performance Modeling, Benchmarking and Simulation of High
Performance Computer Systems

PROJECTS

HackIllinois | www.hackillinois.org
- Director 2018; Organizer 2016 & 2017

3DSnap | www.github.com/redsn0w422/3DSnap/
- Snapchat for the 3DS. Runs on 3DS home-brew and required a Snapchat-backend clone due to Snapchat's API
restrictions.

InternetKarma | www.github.com/xasos/InternetKarma/
- App that calculates Internet "Karma" by aggregating likes across Reddit, Facebook, Twitter, Github, and Instagram;
built using Node.JS

ScandIn | www.github.com/xasos/ScandIn
- App that allows Glass users to retrieve LinkedIn information using facial recognition. Built using Node.JS, Java,
Imgur API, and Kairos API.
- Won Best Glass Hack at MHacks Winter 2015. (www.challengepost.com/software/scandin)

House STEM Student App Challenge - Winner (http://foster.house.gov/media-center/in-the-news/academic-spotlight-
naperville-north-senior-wins-app-contest)
- Developed a web app to keep data on the all robots and scouting system for FRC robotics team