Yasha Mostofi

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EDUCATION

University of Illinois, Urbana-Champaign, Computer Science   B.S. 2018, M.S. 2019
- <u>Selected Coursework:</u> Security 1, Security Lab, Algorithms for 1-D Structures,   *James Scholar*
  Theory 2, Applied Machine Learning, Algorithms & Models of Computation,   *Dean's List x4*
  Numerical Methods, Programming Languages & Compilers, User Interface Design   *3.76 GPA*

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

EXPERIENCE

Apple | Software Engineering Intern   May - Aug. 2018
  WatchOS

CS 461 Security 1 | Course Assistant   Jan. - May 2018
  Office hours, writing exam questions, proctoring, and grading exams.

CS 374 Intro to Algorithms and Models of Computation | Course Assistant   Jan. - May 2018
  Grading homework, discussion sections, and proctoring exams.

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*

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

WildHacks | www.wildhacks.org
- VIP Judge 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/
- Calculates Internet "Karma" by aggregating likes across Reddit, Facebook, Twitter, Github, and Instagram

ScandIn | www.github.com/xasos/ScandIn
- Allows Glass users to retrieve LinkedIn profiles using facial recognition. Won Best Glass Hack at MHacks.