

Yasha Mostofi

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EDUCATION

University of Illinois, Urbana-Champaign, B.S. in Computer Science

Sept. 2015 - May 2018

- Coursework: Theory 2, Applied Machine Learning, Algorithms & Models of Computation, Programming Languages & Compilers, System Programming, Data Structures, Computer Architecture, Discrete Structures, Foundations of Data Science, & Probability in CS

*James Scholar
Dean's List (sp16, fa16)
3.91 mGPA, 3.77 GPA*

SKILLS

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

EXPERIENCE

System Programming | Course Assistant

Jan. 2017 - present

CS Dept. at UIUC | Research Assistant with Professor S. Misailovic

Jan. 2017 - present

Capital One | Software Engineering Intern

Aug. 2016 - May 2017

- Built web app using ReactJS for partners to configure credit decision engine
- Designed portable system and build tool chain so that app could be deployed anywhere

Intel | Software Engineering Intern

May - Aug. 2016

- Expanded on web portal used for internal data visualization
- Used Linux Perf to collect machine performance data

State Farm | Systems Intern

Jan. - May 2016

- Used Numpy, Scikit-learn, and Pandas in Python for data processing with mobile data

CS Dept. at UIUC | Research Assistant with Professor M. Winslett (paper 1, fa15)

Sept. 2015 - present

- Built tools for efficiency analysis to optimize development on high performance computing platforms
- Used PHP and MySQL for back-end; ReactJS, JQuery, and HighCharts.js in the front-end

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

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