

Yasha Mostofi

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EDUCATION

University of Illinois, Urbana-Champaign, BS in Computer Science

Sept. 2015 - May 2018

- Coursework: Algorithms & Models of Computation, Systems Programming, Data Structures, Computer Architecture, Discrete Structures, Foundations of Data Science, & Probability in CS

James Scholar

Dean's List (sp16)

3.89 mGPA, 3.71 GPA

SKILLS

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

WORK EXPERIENCE

Capital One | Software Engineering Intern

Aug. - Dec. 2016

Intel | Software Engineering Intern

May - Aug. 2016

- Expanding on web portal for internal data visualization
- Using 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
- Learned about and used random forests, decision trees, and k-means

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
- Using 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

LEADERSHIP AND ORGANIZATIONS

- Web Chair of Reflections|Projections Conference
- Member of HackIllinois Hacker Experience team and HackIllinois Hackathon Ambassador
- Member of ACM and IEEE student chapters