

Milan Dasgupta

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EDUCATION

UNIVERSITY OF ILLINOIS

Undergrad in Computer Engineering

LINKS

Github:// [milanocookies93](#)

Twitter:// [@milanocookies93](#)

Challenge Post:// [milanocookies93](#)

COURSEWORK

COMPLETED

CS 498: Algorithms and Models of Computation

ECE 391: Computer Systems Engineering

CS 498: Mobile Applications

CS 225: Data Structures

IN PROGRESS

CS 425: Distributed Systems

CS 397: Independent Study

CS 241: Systems Programming

SKILLS

Languages

C++ • C • Python • Java

HTML • CSS • x86 Assembly

Platforms

Android • Raspberry Pi • Android

AWARDS

Boilermake 2014: Best use of Twilio API

PROJECTS

CS 225 MP3 REWRITE May 2014 – Present | Urbana, IL

- Worked with Prof Heeren to create idea of a snake game represented as a linked-list.
- Utilized C++ and algorithm skills to create a project.

I-CARD READER Sep 2014 – Present | Urbana, IL

- Parsed Card Reader output to track attendance.
- Created and updated database that matches Card IDs to names.

FIND MY FRIEND May 2013 – Aug 2013 | Urbana, IL

- Created Android Application for CS 498 that helps two individuals locate each other using wifi signal strengths and gps.
- Studied wireless resources that could be utilized without draining the battery.

ACM INIT GIT TUTORIAL August 2014 – Present | Urbana, IL

- Worked with Co-Chair to find best way to teach new students git.
- Created documentation and presentation for tutorial.
- Provided a repository on github for students to practice.

CODEMOO August 2014 – Present | Urbana, IL

- Learning Coffeescript to assist professor in remaking Java education website.
- Working with other students to re-design website.
- Creating new puzzles site visitors can use to develop programming abilities.

STUDENT ORGANIZATION INVOLVEMENT

HACKILLINOIS August 2014 – Present | Urbana, IL

INTERNAL SUPPORT

- Working with Core Team to prepare Hackathon for 700+ students from around the nation.
- Creating internal tools that can be utilized by Hackathon Staff.

HACKILLINOIS August 2013 – August 2014 | Urbana, IL

VOLUNTEER COORDINATOR

- Organized the volunteering effort for the Hackathon.

ACM@UIUC August 2014 – Present | Urbana, IL

INIT COMMITTEE CHAIR

- Plan events and meetings for freshman and transfer students.
- Assist new students with project ideas they wish to pursue.
- Create tutorials teaching members technology skills.

ECE PULSE August 2013 – August 2014 | Urbana, IL

SECRETARY|TREASURER

- Organized Budget for ECE Pulse conference.
- Tasked with keeping Conference website to date.
- Engaged with Engineering students to publicize event.