

Mark Cohen

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EDUCATION

UCHICAGO

Computer Science
B.S. Expected June 2019

DURHAM ACADEMY

Honors · May 2015

COURSEWORK

COMPUTER SCIENCE

Networks
Operating Systems
Databases
Usable Security & Privacy

MATHEMATICS

Honors Theory of Algorithms
Honors Discrete Math
Group Theory
Ring Theory

TECHNICAL PROFILE

LANGUAGES

C · Python · Bash · Racket · Java
Haskell · Standard ML · Regex
x86 Assembly · \LaTeX · JavaScript
Spanish (intermediate)
French (rudimentary)
Hebrew (rudimentary)

SKILLS

Git · TCP/IP · *Nix
Functional Programming
Concurrent Programming
Distributed Systems

LINKS

home://mpc.sh
keybase://mpcsh

HOBBIES & INTERESTS

Skiing · Hiking · Cycling · Math
Longboarding · Guitar · Singing

EXPERIENCE

UCHICAGO · CS TA (CS220, INTRODUCTION TO SOFTWARE ENGINEERING)

Chicago, IL · Mar 2018 - Current
Act as "senior developer" to several teams of undergraduate students; contribute to development of course materials including lectures, labs, and project; hold office hours & assist students over Piazza

UCHICAGO · CS TA (CS233, NETWORKS & DISTRIBUTED SYSTEMS)

Chicago, IL · Jan - Mar 2018
Revamped chirouter project to support multi-router topologies; supervised undergraduate graders; held office hours & assisted students over Piazza

UCHICAGO · CS GRADER (CS233, COMPUTER NETWORKS)

Chicago, IL · Sep - Dec 2017
Implemented automated grading methods for projects; assisted students through office hours & refresher sessions tailored to course projects

KEYBASE · SOFTWARE ENGINEERING INTERN

New York, NY · Jun - Sep 2016
Created standard IcedCoffeeScript implementation of Saltpack 1.0 protocol; assisted in designing new chat and filesystem services; contributed to drafting of Saltpack 2.0 spec

UCHICAGO · RESIDENTIAL COMPUTING

Chicago, IL · Jan - Jun 2016
Led project to improve wireless reception in Granville-Grossman dormitory by creating wireless heatmap of premises; maintained all residential computing infrastructure

LEADERSHIP & ACTIVITIES

CS DEPARTMENT MENTORSHIP PROGRAM

Chicago, IL · Apr 2017 - Current
Provide guidance and mentorship to younger students in the Computer Science program at UChicago

ASYNCHRONOUS ANONYMOUS

Chicago, IL · Jan 2017 - Current
Deliver talks to the student community on topics of interest such as cryptography & personal security, networks, and more

RYERSON ASTRONOMICAL SOCIETY

Chicago, IL · Sep 2015 - Current
Maintain RSO website; lead quarterly dark sky trip; assist in leading public observation nights on Wednesdays