Heman Gandhi

✉ hemangandhi@gmail.com
○ hemangandhi.github.io
in linkedin.com/in/hemangandhi

EDUCATION

Rutgers New Brunswick
Honors College, SAS
BS in Computer Science and
Mathematics
Expected Grad. May 2019
Cum. GPA: 3.88

SKILLS

Languages:
Clojure, Python, Java
JS, Haskell,
CUDA, C, C++, C#
Tools & Libraries:
Git, MongoDB, ExpressJS
Linux, Neo4j, AWS
jQuery, Flask

COURSEWORK

CS
Operating Systems
Algorithms
Data 101
Computer Architecture

Math
Real Analysis
Abstract Algebra
Linear Optimization

PROJECTS

Aud.io ○
Keyboard Keyboard ○
GiFS Against Humanity ○
DIMACS REU ○

AWARDS

Took Putnam 2016
Scarlet Scholarship

10.11.2018

EXPERIENCE

HackNY - Skillshare Inc.   May 2017 - Aug 2017
Engineering Intern   New York, NY
Performed full-stack development to maintain the website.
Executed various tasks to maintain and refactor the large Yii (PHP) code-base and MYSQL database.
Enjoyed understanding the NY startup scene and meeting incredible people through the all-encompassing HackNY Fellowship.

Rutgers CS Department   Feb 2017 - May 2017
Grader, CS 415 (Compilers)   New Brunswick, NJ
Helping to design and grade CUDA-based projects as the course intends to introduce parallel programming.

Optum Inc.   Jun 2016 – Aug 2016
Talent Development Program Intern   Basking Ridge, NJ
Using C#, implemented various finite-state machines and a tokenizer to parse COBOL code to extract variable meta-data.
Improved the extraction program to read the 120,000+ files from the mainframe and load data onto a database within 2 hours, down from 2 days for a handful of the files.

Mphasis Inc.   Jun 2015 – Aug 2015
Software Engineer Intern   New York, NY
Using the WAMP protocol through AutobahnJS and Crossbar.io, helped design and implement a multi-screen interactive application with a ProcessingJS, jQuery, and Bootstrap front-end.
○ Availible on GitHub

LEADERSHIP & EXTRACURRICULARS

HackRU R&D   January 2017 -
Helping project manage for the creation of tools to improve the hacker experience at HackRU. Leading projects to make a slackbot, QR-code based registration, a web-based judging system, and the registration website, among other things - including a FaaS backend.
○ Available on GitHub

USACS Tech Chair   May 2017 - May 2018
Coordinate various events to help inspire and keep people hacking. These include monthly coding competitions, pre-Hackathon coordination, and helping with various open source efforts.
○ Check out our website!