

Heman Gandhi

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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
Bash Shell, Neo4j,
jQuery, Flask

COURSEWORK

CS

Operating Systems
Algorithms
Combinatorics
Formal Languages
Compilers

Math

Real Analysis
Abstract Algebra
Linear Optimization

PROJECTS

Aud.io 🌐
Keyboard Keyboard 🌐
GiFS Against Humanity 🌐

AWARDS

Took Putnam 2016
Scarlet Scholarship

01.26.2018

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 -

Independent Study

New Brunswick, NJ

Researched shortest-path finding algorithms on the GPU. After surveying various techniques and bounds on the potential parallelism, helped design and implement a concurrent heap structure that supported batch inserts on the GPU.

Optum Inc.

Jun 2016 – Aug 2016

Talent Development Program Intern

Basking Ridge, NJ

Using C#, implemented a tool 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.

🌐Available 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.

🌐Available on GitHub

USACS Tech Chair

May 2017 -

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!