

# 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  
Data 101  
Computer Architecture

### Math

Real Analysis  
Abstract Algebra  
Linear Optimization

## PROJECTS

Aud.io 🐙  
Keyboard Keyboard 🐙  
GiFS Against Humanity 🐙

## AWARDS

Took Putnam 2016  
Scarlet Scholarship

10.04.2017

## 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 -

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.

🐙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!