

Neel Verma

Phone: 732-320-8976
E-mail: neeljverma.1@gmail.com
Github: <https://github.com/NeelJVerma>

Proficiencies

Languages:

- C/C++
- Python
- Java
- HTML
- CSS

Tools:

- Visual Studio
- Wing IDE
- Linux
- Windows
- Eclipse
- Vim

Hackathons

HackRU- 2016

HackRU- 2017

Tech Crunch- 2017

Courses

- Computer Science I-II
- Precalculus
- Calculus I-II
- Assembly Language
- Data Structures
- Discrete Structures
- Object Oriented Programming
- Operating Systems
- Advanced Topics: Scientific Programming With Python
- Topics: Combinatorics
- Software Design
- Analysis of Algorithms
- To Take Spring 2018:**
- Artificial Intelligence
- Linear Algebra

Education

B.S. Ramapo College of New Jersey
Computer Science Major and Mathematics Minor
Graduation: May 2019

Experience

Generic Network Systems | Software Engineering Intern

- Designed and worked on a network backup system. Used a Python RabbitMQ framework called Pika.
 - Went over and edited over 100 scripts to pass a 10/10 check when ran with Pylint, a Python code linter.
-

Projects

AskHer

- Developed at HackRU Spring 2017. AskHer is an application that allows you to take a picture of a business's sign, text that picture to a number along with your location, and return the reviews of that business.
- Uses Python, Flask, MongoDB, Google Cloud Vision and Reviews APIs.

Assembler

- Developed for my software design class. Assembles and runs an assembly program through an emulator. The assembly language is of a VC3600 computer, a decimal computer that my professor designed.
- Uses C++.

Distributed BFS

- A distributed version of breadth-first search, which was tested and with graphs of small, medium, and large size. Also tested with both sparse and dense graphs. This was developed and tested on a Raspberry Pi master slave cluster.
 - Uses Python, Raspberry Pi Cluster, Mpi4py.
-

Programming Contests

- CCSCNE Spring 2017: 2nd place out of 32 teams.
 - CCSCE Fall 2017: 2nd place out of 19 teams.
-

Club Involvement

- **President** of Algorithms/Competitive Programming Club
- **Member** of //hackramapo
- **Member** of Computers and Technology Club