

# Ramanjit Khakh

Bachelor of Science in Computer Science

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## Education

### Temple University

2012-current

BS, Computer Science GPA: 3.56

Philadelphia, Pennsylvania

Expected Graduation: December 2016

## Skills

### Programming

- Knowledge of multiple computer languages such as C, C++, x86/x86-64 Assembly, Java, XML, Python, Javascript, HTML, and CSS.
- Worked with various tools such as Matlab, Tableau, PyMongo, and Weka.
- Experienced in Android App Development.
- Worked with DBMS such as MongoDB, MySQL, Firebase, and MS Sql Server.
- Proficient understanding of Object Oriented Programming, Data Structures, Low Level Design, Operating Systems Concepts, Statistical Analysis, Data Science Concepts, Compiler Design, Database Concepts, and Software Design.

### Computers & Troubleshooting

- Great understanding of Windows Operating systems and can troubleshoot issues.
- Good grasp of Linux and command line prompts.
- Experienced in Hardware disassembly and reassembly.

## Projects

### Independent Research

Spring 2015

#### Student Researcher

- Implemented GENI distributed computing resource to emulate virtual server nodes using Virtual Machines.
- Developed Class labs for a Temple University's CIS professor to teach students Computer Networking Concepts.
- Labs included reinforcing networking concepts, familiarizing students with linux and command line, detecting network latency, and Masquerading ip addresses on network interfaces to tunnel between multiple nodes.

## Experience

### Conxsoft

July 2015-current

#### Software Engineer

- Worked on a logistics web application for a food bank.
- Technology stack included ES6 standard, Postgres SQL with JPA, OSGi, Bndtools, and etcd.
- Built warehouse logistics components to streamline inventory management.
- Setup Docker containers for Postgres SQL and etcd in order to distribute common and compatible work environments.

### Temple University CIS Dept.

September 2012-current

#### Assistant Lab Manager

- Managed over 300+ computers within the computer and information science department.
- Tasks included setting up and troubleshooting department machines.
- Assisted in server side management and inventory software.
- Re-imaged, wired, and upgraded computer components.

### Temple University CIS Dept.

Summer 2014

#### Undergraduate Teaching Assistant

- Taught the Programming Labs for the undergraduate Intro. Java course.
- Worked with students to help them apply classroom concepts into their assignments.
- Responsibilities included reading, troubleshooting, and grading students' code.