

# Thomas Hanna

thanna96@gmail.com  
(347)-446-9097  
Website: ThomasHanna.me

Farmingdale, NJ  
March 15, 1996  
GitHub: github.com/thanna96

## Education

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### Rutgers University

*Bachelor of Science, Computer Science*

### Brookdale Community College

*Associate of Science, Computer Science*

**New Brunswick, NJ**

January 2018 – May 2020

**Lincroft, NJ**

January 2016 - December 2017

## Computer Skills

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### Languages:

Python, Java, C, JavaScript, SQL.

### Software Experience:

BASH, Eclipse, Android Studio, PHP Storm, IntelliJ, Git, MySQL Workbench, Visual Studio, SSH, GDB.

### Other:

Laravel, Vue, Node, PDFMake, D3, Electron, Firebase.

### Operating Systems:

Windows, UNIX, Linux.

### Related Courses:

Data Structures, Algorithm Analysis, Cryptography, Computer Security, Database Design, Systems Programming, Discrete Mathematics, Software Methodology, Formal Languages & Automata.

## Projects

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### Cryptography Algorithms

- Multiple programs designed to help decrypt/encrypt plaintext. Each program has its own use from encrypting/decrypting strings to factoring integers. I wrote these functions and programs to help me learn python. Written in Python using various text editors.

### Crypto-Chat

- Android application that sends encrypted messages through email using end to end encryption with SHA-1 hash functions and private/public keys. Written in Java using Android Studio.

### Pseudo Mail Server

- This application mimics a mail server with multiple clients. Each client can make a new box, create a message, open a message, delete a box, and delete messages. Written in C.

### Websites:

- I created a website from scratch for more information about me not included in my resume. Written in HTML, JS, and CSS.
- Created another Website for my friend's online store.

## Work experience

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### Vorsi Software

*Software Developer*

**Hudson Valley, NY**

May 2019 – September 2019

- Worked on a CRM software that was developed in JavaScript Vue and PHP using the Laravel framework. The CRM was used by a commodity distributor with over 800 clients. I Gained knowledge working with scalable and secure web applications. My main role was to add new features and fix bugs.

### Brookdale CC Learning Center

*Tutor*

**Lincroft, NJ**

January 2017–December 2017

- Assisted students in acquiring better understanding of Java programming, data structures and SQL. Demonstrated ability to assist students in achieving higher grades on computer science related courses.