Thomas Hanna

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(347)-446-9097   March 15, 1996
Website: ThomasHanna.me   **GitHub:** github.com/thanna96

Education

Rutgers University	**New Brunswick, NJ**
Bachelor of Science, Computer Science	January 2018 – May 2020
Brookdale Community College	**Lincroft, NJ**
Associate of Science, Computer Science	January 2016 - December 2017

Computer Skills

Languages:
Python, Java, C, JavaScript, SQL.

Software Experience:
BASH, Eclipse, Android Studio, PHP Storm, MATLAB, Git, MySQL Workbench, Microsoft Office, 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

Cryptography Algorithms
- Multiple programs designed to help decrypt/encrypt plaintext. Each program has its own use from encrypting/decrypting to finding prime numbers or 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

Vorsi Software	**Hudson Valley, NY**
Software Developer	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 distributer 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	**Lincroft, NJ**
Tutor	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.