



EDUCATION

- * Northern Virginia Community College
 - Associates of Science in Engineering, Fall '11
- * Virginia Tech
 - Computer Science, Spring '16
- + Fluent in Spanish
- + Conversational Mandarin and Japanese

PASSION PROJECTS *names are links*

hackWare | **Founder & CTO** [January '15 - Present]

- * Non-profit organization to give students and hackathons the accessibility to hardware to hack and play with the latest technology.
- * Late night hacking, coding and testing, trying to grasp JavaScript.
- * Evangelize my non-profit at hackathons.

VTHacks | **Core-organizer** [Spring '14 - Present]

- * Organize Virginia Tech, first hackathon, to cultivate a community of students that want to learn, build and innovate about technology.
- * Help find sponsors by any means necessary.

senseAmp | **Developer** [Fall '14 @ hackDuke] (continual work)

- * Blind-Deaf Messenger and Text-to-Vibration Reader.
 - Use Morse Code to output a vibration pattern per letter.
 - Adjust to read vibrations faster/slower.
 - Parse text format files to output vibration patterns.
 - Simple and colorful design.
 - Android store app.

KNOWLEDGE / LEARNING

Programming: (request work if needed)

- * Foundations
 - Java, C, C++, Assembly and Python
- * Data Structures
 - Trees, Sorting, Lists, Stacks, Queues and HashTable
- * Computer Architecture
 - MIPS Assembly
 - + Assembly parser
- * Algorithms
 - Big O notation
- * Web Development
 - Http/Rest APIS
 - + Parse.com (database)
 - + Typeform.com (cross-domain omuncation and JSON manipulation)
 - HTML/CSS
 - + Responsive design
 - JavaScript
 - + AngularJS: YouScriber
- * Mobile Development
 - Android
 - + senseAmp, minesweeper, memory card game

Design:

- * UI & Colors
 - senseAmp
 - HackWare website
- * Design Programs
 - Adobe Photoshop
 - Adobe Illustrator

ORGANIZATIONS

VTHackers |

Community Builder [Fall '14 - Present]

- * Build a hacker community at Virginia Tech to help each other and go to hackathons.
- * Help plan hack night events:
 - BuildIT.