Thomas Finn

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WORK EXPERIENCE....

TWC, ARCyber | Fort Gordon, GA

Tool Developer

Jul. 2019 - Present

Google | Los Angeles, CA

Junior Developer (Front-end) Jan. 2019 - May. 2019

Viterbi USC I Los Angeles, CA

Teaching Assistant (TA) / Tutor Sep. 2015 - Dec. 2018

ACI I West Point, NY

Developer

May. 2017 - Jul. 2017

General Electric | Stamford, CT

Junior Developer (Back-end) Jun. 2014 - May. 2015

- Assigned tool developer tasked with creating a multitude of functional applications for Army Cyber and its associates.
- Languages: Python.JS.VBA
- Designed and completed a front-end administrator web portal for iOS app "EscapePassLA" under Google management. Created app analytics that utilized google firebase and JNode capabilities.
- Languages: HTML.CSS.JS
- Worked as a supplemental instructor for CS104 (Data Structures and Object Oriented Design) and CS103 (Introduction to Programming) as well as facilitated personal tutoring sessions under VARC at USC.
- Languages: C++.Java.Verilog.HTML/CSS/JS/PHP
- Created an application for the Microsoft HoloLens to use dynamic 3d augmentation to spatially map a user's environment in real time.
- Languages: C#.XAML
- Improved communications between parents of foreign language and teachers by developing a Google Applet that could be attached to the gMail interface called the "Davenport Project".
- Languages: HTML/CSS/JS/PHP.MySQL

ARMY EXPERIENCE.....

Cyber BOLC | Fort Gordon, GA

Ranked (3) for Class 19-004 GPA: 3.83 Commandant's List

ROTC at USC I Los Angeles, CA

Cyber, Ranked (2) on Battalion O.M.L.

Senior Positions Held: CDT BN CDR, CDT CO 1SG

Graduate Class of Apr. 2020 Honor Graduate

Graduate Class of 2019

D.M.G.

EDUCATION.....

University of Southern California | Los Angeles, CA

Computer Engineering and Computer Science, B.S. 2019 GPA: 3.57

Graduate Class of 2019

Cum Laude

Advanced Cyber Education | Wright-Patterson AFB, OH

Developed cybersecurity skills through an immersive program to introduce soldiers to the cyber discipline while educating them to become future military leaders.

Jul. 2018 - Sep. 2018

LANGUAGES.....

- Advanced | Java (12,000+ lines), C++ (8000+ lines), Python (5000+ lines), HTML/CSS/JS/PHP (10,000+ lines)
- Competent | Bash (5000+ lines), Verilog (2000+ lines), C# (1000+ lines)
- Beginner | Assembly [Intel] (3000+ lines), BASIC (2000+ lines), MySQL (1000+ lines), Swift (1000+ lines)

CERTIFICATIONS.....

- OSCP Jan. 2021
- CEH Jun. 2020

- VHL + and VHL Apr. 2020
- CCENT Oct. 2019