Karl Brown

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EDUCATION

CHRISTOPHER NEWPORT UNIVERSITY
BS in Computer Science
Minor in Religious Studies/Philosophy
Expected Fall 2015 | Newport News,VA
Cum. GPA: 3.49

LANGLEY HIGH SCHOOL
AP Statistics/Computer Science
Grad. May 2010 | McLean, VA

LINKS

Github:// **thekarlbrown**
LinkedIn:// **thekbrown**

COURSEWORK

UNDERGRADUATE
Algorithms
C++ Programming
Cryptography and Network Security
Android Mobile Computing
Operating Systems II
Linear Algebra

SKILLS

PROGRAMMING
Mastery:
Java • HTML • Android
Proficiency:
MySQL • PHP
Familiar:
C++ • Python • CSS • JavaScript • Git

OS EXPERIENCE
Server Linux:
OpenVPN • nginx • MySQL
Penetration Testing:
Metasploit • Kali Linux

DESKTOP ASSEMBLY
Overclocking:
Took i7 to 4.0 GHz Stable from 2.66GHz
Experience:
Component Balancing • Built 10 Desktops

EXPERIENCE

CAPSTONE: CHANGE THE WORLD | Full Stack Developer
January 2015 - Present | Newport News, VA
- Envisioned then developed Android Application using Java in Android Studio
- Utilized PHP/Debian/MySQL Workstation/Photoshop
- Transformed ability to develop and program modularly
- Implemented algorithms such as mergesort client-side

TKB | Contract Computer Science Work
July 2008 – January 2015 | McLean, VA
- Employed my understanding of individuals needs, required time frames, and computer science to insure a satisfactory customer experience
- Negotiated contracts transacted via written agreement
- Deployed operating systems, and security software and hardware to harden patient privacy for a medical professional
- Utilized my knowledge of Desktop Assembly and communications skills to build desktops that met the budget and technical specifications of customers

USPTO | Technical Patent Extern
May 2012 - July 2012 | Alexandria, VA
- Worked with Patent Examiners and experienced a professional fast-paced government workplace
- Received, Understood, and Documented first technical case (new invention kept secret from public)
- Learned job-relevant knowledge of US Patent and Trademark Law and underwent Patent Examiner training

LEADERSHIP

TEAM CAPTAIN | CNU CS:GO Team
Spring 2015 – Present | Newport News, VA
Raised team-members average of 305 percent in rank, Envisioned practices to improve team individually and in tandem, Led team against other Colleges in the NCeSPA League and scrimages, Shifted Roster based on skill progression

TEAM CAPTAIN | CNU LoL Team
Fall 2012 | Newport News, VA
Selected team members and subs from list of interested candidates based on skill, Organized practices, Led team against other Colleges in the IvyLoL League

AWARDS

| 2015 | 1st/36 | Winner - Undergraduate Capstone Software Faire |

EVENTS

2015	TomTom	Tom Tom Entreprenurial Founders Summit
2015	ACM	Algorithmic Coding Competition
2015	hackUVA	Hackathon Coding Competition
2014	CNU CTF	Hacker Capture the Flag

SOCIETIES

| 2015 | National | Association for Computing Machinery |