Karl Brown

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SKILLS

PROGRAMMING

Core:
HTML • Git • C# • PHP
Proficiency:
Java • JS/JQuery • CSS • SQL • Linux
Familiar:
Python • Android

EDUCATION

CHRISTOPHER NEWPORT UNIVERSITY

BS in Computer Science
Minor in Philosophy/Religious Studies
August 2015 | Newport News,VA
GPA: 3.45

LANGLEY HIGH SCHOOL

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

LINKS

Github **github.com/thekarlbrown**
LinkedIn **linkedin.com/in/thekbrown**

COURSEWORK

UNDERGRADUATE

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

AWARDS

2015
1st - Undergrad Capstone Software Faire

EVENTS

2015
Tom Tom Entreprenur Founders Summit
ACM Programming Competition
hackUVA Hackathon Coding Competition
2014
CNU Hacking Capture the Flag

SOCIETIES

Association for Computing Machinery

EXPERIENCE

DDC | Software Engineer

August 2015 – Present | Washington, DC

- Developed C# API services and applications using .Net Framework and Nuget Package Manager
- Trained intern in Unit Testing C# API Services using XUnit and Moq
- Expanded Wordpress PHP codebase including an implementation of SAML SSO
- Learned about Software Developement lifecycle in the Agile methodology

TKB | Contract Computer Science Work

July 2008 – January 2015 | McLean, VA

- Employed my understanding of individual's 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

PROJECTS

CAPSTONE: CHANGE THE WORLD | Full Stack Development

January 2015 - April 2015 | Newport News, VA

- Envisioned then developed Android Application using Java in Android Studio
- Utilized PHP/Debian/MySQL Workstation/Photoshop
- Transformed my developer mindset and approach to UI/UX design
- Implemented algorithms such as mergesort client-side

LEADERSHIP

TEAM CAPTAIN | CNU CS:GO Team

Spring 2015 – Summer 2015 | 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