Karl Brown

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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

SKILLS

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

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

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

DIVINATION | Neural Network Stock Analysis
June 2015 - Present | Newport News, VA
- Planned and developing software tool to predict stock patterns using a Neural Network combined with technical and situational stock market analysis
- Utilized Python for web scraping, financial algorithms, API access, and JSON training data for Neural Network
- Currently developing Neural Network and Sentiment Analysis in Java

EXPERIENCE

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 – 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