Nicholas Brown

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Phone: 832-922-8899
GitHub: para-programmer

Education
Oregon State University, BS Computer Science, December 2017, GPA 3.93
Southwest Baptist University, BS History, May 2004

Skills & Expertise
<u>Languages:</u> C/C++ (proficient), HTML (proficient), CSS (proficient), JavaScript (prior experience), Swift (prior experience), SQL (prior experience), x86 Assembly Language (prior experience), Python (prior experience)

Relevant Course Work
Software Engineering, Analysis of Algorithms, Data Structures, Databases, Operating Systems, Computer Architecture and Assembly Language, Web Development, Introduction to Networks

Projects
- Created an event planning/coordinating iOS app using Google's Firebase for backend authorization and data storage.
- Designed a text-based game in C which requires the user navigates through randomly generated rooms which have randomly generated connections until they find the last room.
- Created animal guessing game which has the ability to "learn" new animals if it cannot guess the user's.
- Made a how-to guide on implementing APIs using HTML, CSS and JavaScript, located at http://para-programmer.github.io.
- Created a relational SQL database which populates a dynamic website using MySQL, PHP and HTML on a Linux server.
- Built a single-page web application run on Linux AWS EC2 instance using Node.js and AJAX.
- Built a command line shell in C which could execute primitive Bash commands.

Work Experience
Process Technician for Jacobs Engineering May 2012 - Present
Primary responsibilities: Help estimate, track and budget man-hours, and track progress of various aspects of the project against the project schedule. Coordinate work between all engineering disciplines, including those in other offices, on petrochemical and refinery projects.

Squad Leader for United States Army 2006 - 2011
Primary responsibilities: Led, trained and evaluated a group of 3-10 persons in an Airborne Infantry Unit in both, training and combat situations.