ROBERT CONCEPCION III

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**Skills:**

**Software Development:**   
JavaScript (+ES5/7, React, YUI3/Require.js, Grunt, Gulp) ∙ FLUX (FBFlux, Redux)   
 HTML5 ∙ CSS3 (+LESS, PureCSS, JSS) ∙ Java (OCJP Certified) ∙ C#/Unity   
 PHP ∙ MySQL ∙ NodeJS (+Express)   
 **Multimedia Creation/Editing Technologies:**   
 Adobe Photoshop ∙ Adobe Illustrator ∙ FL Studio **Operating Systems:** Windows XP/7/8/10 ∙ Linux (Debian, Arch) **Languages (Natural):** English ∙ Spanish ∙ Japanese (Conversational/N3+)

**Education:**

**New York Institute of Technology** – New York, NY  
 M.S. Computer Science, *December 2013*  
 B.S. Computer Science*, August 2012***Thomas Edison State College** – Trenton, NJB.A. Computer Science, *May 2012* A.A.S. Applied Electronics, *January 2012*

**Experience:**

**Software Engineer***Power Management Concepts, April 2014 – March 2017*- Design and develop a scalable web application including database, server and client side design utilizing efficient   
 modern web development technologies such as NodeJS and React.  
- Design the backend and web content management system for an app which facilitates the management of   
 critical infrastructure and power systems data for large clients such as BlackRock, New York Stock Exchange,   
 the World Trade Center and JFK Airport.  
- Design the first iteration of the app’s UI visually by creating Adobe Illustrator mockups.  
- Write code to facilitate app-server side communication on both ends.  
- Help to integrate an existing client app’s design to interface with a centralized server while simultaneously   
 helping it to be more sustainable; creating a centralized database, database version management system as   
 well as mentoring more junior developers on the team as issues arise.  
- Automate deployment processes and manage builds utilizing version control and task runners such as Grunt and   
 Gulp.  
- Assist with design and development of miscellaneous projects such as websites for expos and business cards.

**Web Developer***Independent Contractor, May 2014 – August 2015*- Manage a wordpress server; responsibilities include (among others): creating pages from PSDs, ensuring   
 proper user experience, managing/troubleshooting plugins using PHP, ensuring data integrity and writing   
 client and server-side code to support widgets and mailing lists.- Help site maintainers troubleshoot various issues with backing up their data, FTP access and various issues   
 with their websites on both the front and back end.  
- Put old legacy code-bases in order and troubleshoot widgets internally using PHP(Backend)/HTML5(Frontend),   
 and help clients to manage content themselves where necessary.

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**Experience (cont’d):**

**Graduate Thesis Project Work** *New York Institute of Technology, June 2013 – December 2013* - Utilized modern browser technologies to integrate sound, graphics and animation to create an open-  
 source web 2D and 3D multimedia framework which allows developers to more easily develop cohesive   
 interactive multimedia apps using HTML5 (FileAPI, Canvas and WebAudio) and JavaScript.  
 - Developed a web interface for loading images and editing animations that automatically generates   
 JavaScript (.js) source code in order to more seamlessly work with this API; also utilizing YUI library and   
 creating new re-usable and modular JavaScript components as part of the process.

**Software Developer/Founder**  *Whateversoft(Sole Proprietorship), January 2011 – May 2013* - Developed a re-usable cross-platform 2D Game API from the ground up which was used as the basis   
 for an Android application for the Google Play and Amazon Appstore platforms.  
 - Created a library for the Android OS which made making HTTP Requests from servers on separate   
 threads with any attached data intuitive and subsequently used it to develop an Online High Score   
 System for a videogame on the Android Market as well as for a productivity tool for web developers.  
 - Created a real-time interactive videogame for the Android OS with both an application side and server side   
 in which all designing, planning, programming and creation of music and sound effects was performed.  
 - Designed and programmed the application-end of an interactive online card game for the Android OS.

**Information Management Officer**  
 *United States Navy*,*June 2009 – April 2010*   
 -Contributed to the development and management of a command-wide Microsoft Sharepoint web portal   
 using HTML, CSS and JavaScript, also training officers in how to maintain their own sections.   
 - Administrated, secured, and maintained 130 Windows XP workstations.

**Field Service Technician** *Coinstar***,** *June 2008 – May 2009*

**Electronic Technician** *United States Navy, November 2005 – March 2008*