

ROBERT CONCEPCION III

281 Wadsworth Ave, APT # 3G · New York, NY 10040 · (646) 719-3800 · robert.concepcion.iii@gmail.com

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, NJ

B.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