

# Patrick Cupka

## Software Engineer

New York, NY - Email me on Indeed: [indeed.com/r/Patrick-Cupka/8df3825856cb00ff](https://www.indeed.com/r/Patrick-Cupka/8df3825856cb00ff)

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Software Engineer II

Twitter / Vine - New York, NY

#### Game Developer

BerryBots, Programming Game ([github.com/Voidious/BerryBots](https://github.com/Voidious/BerryBots)) - September 2012 to June 2014

A cross-platform Lua programming game with vector graphics, programmable stages, a powerful automation API, and HTML5 Canvas replays. Written in C++, Lua, OpenGL, and JavaScript. Available for Mac, Linux, Windows, and Raspberry Pi. Try it on the web: <http://playberrybots.com>

#### Software Engineer III

Google Display Ads - New York, NY - April 2011 to April 2014

Member of Infrastructure team for DoubleClick Studio. Studio is a web app for [github.com/Voidious](https://github.com/Voidious) building and previewing Flash and HTML5 ads for use on Google's display ad networks. Overhauled user permissions to support seamless cross-account access. Performed 250 code reviews in Java and JavaScript. Co-managed on-call rotation for 30k users / 17 engineers. Mentored two "Nooglers" and one intern.

#### Software Developer

RoboRunner, Robocode Utility ([github.com/Voidious/RoboRunner](https://github.com/Voidious/RoboRunner)) - July 2012 to September 2012

Premier battle runner and research utility for Robocode, a Java programming game by IBM. Features high performance, smart battle selection, and confidence estimation. Open source (public domain).

#### Software Engineer

IBM WebSphere - Poughkeepsie, NY - April 2007 to April 2011

Developed new features for enterprise use in Java and C++. Responded to critical customer issues with WebSphere Technical Support teams. Co-author of patent: "Management of resources in a host system."

#### Web Programmer

GameSpy Industries - Irvine, CA - October 1997 to September 2000

Programmed search engines and content management systems for GameSpy network sites in Perl, ASP, and JavaScript.

### EDUCATION

#### Bachelor's of Science in Computer Science

State University of New York at Buffalo - Buffalo, NY

2003 to 2007

#### ADDITIONAL INFORMATION

##### Skills

Java backend and web apps, including GWT, Guice, and JUnit. Modern web apps, including JavaScript, Closure, AngularJS, and HTML5 Canvas. Desktop apps for Mac, Linux, and Windows, including C++, Lua, OpenGL, Xcode, and Autoconf.