

Patrick Cedrowski

700 1st St, Hoboken NJ 07030

(201) 429-7233 | pcedrowski@gmail.com | www.pcedrowski.com

GitHub Handle: <https://github.com/pcdroidski>

LinkedIn: <http://www.linkedin.com/pub/pat-cedrowski/1b/396/391>

High performing problem solver with superior communication and organizational skills. Capable of thinking outside the box to provide the most adapted solutions to a wide range of programming languages. Deep knowledge in Web and Android development with focus on mobile REST architecture. Strengths include excellent management skills, working both independently and in a group, focused attention to detail, and an exceptionally quick learning mindset.

Technical Expertise

Technical Languages

Java, Ruby, MySQL, MongoDB, jQuery, CSS, SASS, CoffeeScript, HTML5, C++, C, Unix Shell

Software

Photoshop, Chrome, Eclipse, IntelliJ, Android Studio, DDMS, VIM, Git, Docker, Jira, Pivotal Tracker

API / Frameworks

Android SDK & NDK, Ruby on Rails, Dropwizard, Spring, Facebook, Google Maps, Google Glass GDK, Flurry, HockeyApp, Pusher, Papertrail, Pubnub, Rollbar, JUnit, Hamcrest

Spoken Languages

English, Polish, French

Full Time Experience

WeightWatchers

Android Tech Lead, Architect, and Scrum Master

www.weightwatchers.com

New York City, NY

September 2015 - Present

- Programming languages & Frameworks: Android, Java 8, JUnit
- Scrum Master and Lead Android Architect of WeightWatchers mobile application - an app with over 4 million active mobile Android users and well over 8 million total downloads
- Managed 14 Android Engineers -- from in-house to remote locations
- Lead rearchitecture effort to transform an old, outdated application into the latest best Android practices
- Built out Wearable application for Android Wear devices

Augmate

Lead Software Architect and Scrum Master

www.augmate.com

New York City, NY

January 2015 - September 2015

- Programming languages & Frameworks: Android, Java 8, Dropwizard, MySQL, AWS
- Scrum Master and Lead Software Architect of Augmate platform; Android & Java Engineer
- Engineered mobile-focused Java backend API in Dropwizard with focus on heavy data analysis via AWS Kinesis
- Architected Android platform responsible for installing, updating, and uninstalling applications remotely using AIDL and other non-IPC methods
- Built out custom Google Glass launcher and services framework responsible for collecting sensor data and whitelisting applications
- Worked with Beacons to enable security-centric tracking and lockout modes

CardFlight

Software Engineer: Lead Android Engineer and Ruby Developer

www.getcardflight.com

New York City, NY

June 2014 - January 2015

- Programming languages: Rails 4.0+, Android SDK, Haml, JSON
- Lead Developer of CardFlight SDK GitHub repository & SwipeSimple Android application
- Worked with security oriented RESTful API calls for processing mobile payments
- Architected new core Java backbone of SwipeSimple application for security based operations & optimized application for tablets (7 & 10 inches)
- Engineered several backend API calls in Ruby
- Incorporated a new bluetooth reader hardware for mobile payments into both CardFlight SDK & Swipe Simple application

MeeGenius

Software Developer: Lead Android and Ruby Developer

www.meegenius.com

New York City, NY

April 2013 - May 2014

- Programming languages: Rails 3.2 & 4.0, Android SDK, MongoDB, SASS, CoffeeScript, JSON
- Redesigned entire Android app from a pre-gingerbread based application to a API 13+ compatible application optimized for both phones and tablets (7 & 10 inches)
- Worked on RESTfull architecture
- Incorporated native C openssl library into native Android branch for faster decryption
- Engineered fundamental back-end requirements for new Subscription business model
- Created several front-end, mobile-friendly web pages with SASS and Coffeescript
- Managed back-end Ruby code to adapt to Android client demands

The Wine Library

Ruby on Rails developer and Junior Android developer

www.winelibrary.com

Springfield, NJ

August 2010 - January 2012

- Worked with Rails 3.1, MySQL, SASS, Android SDK, and MySQL to transfer the original website from an older, PHP based system to a brand new Rails 3.0 web application
- Developed 2 internal system management tools, used as a back-end source to edit and control inventory, user data, and order tracking
- Initiated development work of Android application that communicated with backend API via JSON

Freelance Consulting Experience

NightFlight Plus

Ruby Developer and Dev Ops

www.nightflightplus.com

New York City, NY

November 2015 - January 2015

- APIs: AWS, Rails, Zype, Google, Facebook, Twitter
- Developed and maintained a Rails application with deep video streaming integration
- Utilized AWS for continuous integration and easy deployments

Express Checkout

Android Developer

www.expresscheckoutapp.com

New York City, NY

March 2014 - April 2014

- Engineered and designed Android application with a HTML5 Pusher library oriented towards the retailer POS system
- Worked closely with backend Rails engineer to optimize API for mobile
- Implemented unit tests for API calls

Bergen Tennis

Lead Developer and Designer

www.bergentennis.com

Clifton, NJ

June 2012 - October

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Lead Developer and Designer

www.bergentennis.com

Clifton, NJ

June 2012 - October

- Programming languages: Rails 3.1, MySQL, SASS
- Performed a domain transfer that included a MySQL transfer
- Developed a brand new website using Rails 3.1 along with AJAX, jQuery, full administrative control and back-end optimization

Human Fankind

PHP and Frontend Developer

www.humanfankind.com

May 2012 - June 2012

- Programming languages: PHP, Javascript, jQuery, CSS
- Worked remotely with group of designers to program logic to new website
- Responsible for writing PHP for the entire site as well as including several AJAX and jQuery script

Education

Masters Degree in Computer Science (Steven's Institute of Technology, Fall 2013)

- Software Development & Security concentration
- Software Engineering certificate

Bachelors Degree in Science: Physics (Montclair State University, May 2010)

- Graduated with as a Physics Major with Minors in Mathematics and Chemistry
- Independent Research Project in Elementary Particle Physics