

# Tom Whipple

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612-220-1465

## Experience

### PayPal

07 / 2012 - Present

*Software Engineer/Manager*

PayPal is an industry leading payment processor.

I'm responsible for leading a distributed team of engineers building the next generation of PayPal SDKs enabling app developers to quickly and easily accept payments.

We release directly and frequently to GitHub and communicate directly with developers on GitHub and StackOverflow. Our iOS & Android SDKs provide a drop-in way to accept PayPal & credit card payments. The server SDKs (PHP, Java, .net, Python, Ruby & node.js) provide a convenient interface to PayPal's new REST API.

Our team leads much of the developer strategy at PayPal and is responsible for driving end-to-end experiences that are important to mobile developers.

### card.io

07 / 2011 - 07 / 2012

*Principal Software Engineer*

card.io is a mobile computer vision solution that saves users the trouble of entering credit card numbers by hand. card.io was acquired by PayPal in 2012 and was released as an open source project in 2014.

As part of this small team, I served as technical lead for the Android SDK and fraud control as well as contributing to the iOS SDK and computer vision backend.

### Smartovation Technologies

08 / 2009 - 07 / 2011

*Founder*

Smartovation Technologies was a contract software development company with expertise in mobile software.

I lead engineering for various iOS, Android & Mac OSX projects for several customers.

### NAVAIR

09 / 2007 - 08 / 2009

*Computer Engineer*

NAVAIR is the Naval Air Systems Command, a civilian agency within the US Navy.

- Developed Hardware in the Loop (HiL) test capability for an airborne

ultra-wideband digital RF receiver.

- Lead Technical Point of Contact for two SBIR technology development projects involving digital wide band RF receivers.
- Developed a maximum likelihood algorithm for classifying RF signals.
- Wrote real-time control software for custom built RF signal generation hardware for a HiL environment.

## Intel

05 / 2006 - 08 / 2006

*Graduate Technical Intern*

Designed and created an open source application test suite for the 1.0 release of xdg-utils. As part of the freedesktop.org Portland project, the xdg-utils are designed to provide a set of controls to providers of Linux software that work regardless of distribution or desktop environment.

## Nistevo

2000 - 2003

*Software Engineer*

- Developed a new XML based test framework for QA.
- Undertook a variety of build automation tasks in support of product integration.
- Served as lead report developer for a Brio/Hyperion SQR reporting package and web portal.
- Administered an enterprise integration package (SeeBeyond eGate) during the go-live period. Created automated monitoring and recovery tools.

## Znet Telecom

1997 - 2000

*Network Administrator*

- Served as a lead network & system administrator for a growing internet provider.
- Coordinated & supported installation of high speed connections delivered by telecom carriers.
- Maintained servers required to run an ISP.
- Consulted to customers.

### Education

## University of Minnesota-Twin Cities

2005 - 2007

*MS , Computer Science*

## University of Minnesota-Twin Cities

2003 - 2005

*BS , Mathematics*

Solar Vehicle Project