

---

# Paul Ireifej

Matawan, New Jersey  
paul.ireifej@gmail.com  
9736103686

## Summary

A versatile and innovative Software Engineer with balanced experience in server-side & client-side development. Focused on front-end development with strong responsive web design principles for both mobile & desktop platforms

---

## Experience

### AT&T

Principal Member of Technical Staff • Middletown, NJ

02/2018 - Present

- Migrating large scale fraud application to the Microsoft Azure cloud service.
- Application Hardening effort to greatly reduce production level defects.
- Developing key features with AngularJS and MongoDB for the "Watch Tower" operations monitoring and decision engine platform.
- Led the development of "Watch Dog", a web application that tracks call center activities, using JavaScript, AngularJS, MongoDB and Hadoop Distributed File System.
- Redesigned "FASTR", a web application that monitors fraudulent activities in retail stores, using AngularJS, JavaScript and MongoDB.
- Developed a web application that optimizes cell site construction, estimated \$1B savings, using Scala, AngularJS and JavaScript.
- Enhanced GUI for "ELEAT", a surveillance intercept automation system, using Perl, HTML, JavaScript and jQuery.

### AT&T

Senior Member of Technical Staff • Florham Park, NJ

07/2010 - 02/2018

- Front-end development for "Integrated Software Environment", an online alert management system, using Berkeley DB XML.
- Web application development "MCOI" for identifying fraudulent telephone numbers using Perl, jQuery, HTML, CSS.
- Design & development of "Consolidated Compliance System", using jQuery, JavaScript, PHP.
- Led the development of "Parent Locator Service", a system to locate parents with overdue child support

### AT&T

Member of Technical Staff • Florham Park, New Jersey

07/2009 - 07/2010

- GUI & query development for web application that manages IVR calls
- Developed parallel queries, flexible regression testing and maintenance tools

### Advanced Micro Devices

Software Engineer • Austin, TX

01/2008 - 01/2009

GUI & data access/API development for software that automates hardware testing

---

## Skills

Javascript, AngularJS, ReactJS, JQuery, Html5, CSS, Java, Python, Perl, PHP, Agile, GIT, Software development, SQL, Shell Script, MongoDB, HBase, JSON, XML (Extensible Markup Language), Azure, Git, Mac OS X, Windows, Linux

---

## Awards

AT&T “Can-Do” Excellence Award 2012, 2013, AT&T Vice President Excellence Award 2010, 2011, 2012

---

## AT&T Developer Hackathon

- 2021 - “Pencil It In” Design Thinking
  - 2020 - “Reach Out and Touch Someone” mobile app
  - 2019 - “It Can’t Wait” mobile app
  - 2018 - “Fraud Finder” mobile app
  - 2017 - “Polished Speaker” mobile app
  - 2015 - Best applications that use RCloud for analytics
- 

## Professional Speaking

Communications Fraud Control Association (CFCA)

- 2022 - Fraud Application Hardening
  - 2021 - Transformation as a Service
  - 2020 - Real Time Machine Learning and AI Operations
  - 2019 - Reeling in Outsourced Fraud Mitigation Development
  - 2018 - Managing a Successful System Migration
- 

## Patents

- Railkar, A. Austin, M. Ireifej, Paul. 2018. Routing Optimization Based On Historical Network Measures. U.S. Patent 20200112905, filed October 9, 2018 and issued April 9, 2020.
  - Zaifman, A. Ellson, J. Ireifej, P. 2010. Extending Legacy Scripting Languages with Graphical References. U.S. Patent 9720715, filed December 8, 2010 and issued June 14, 2012.
- 

## Education

### Udacity

Front-End Web Developer

03/2015

### Rensselaer Polytechnic Institute

M.S. Information Technology and Software Design • Troy, NY

05/2009

GPA : 3.80/4.00

### Rensselaer Polytechnic Institute

B.S. Computer & Systems Engineering and Computer Science • Troy, NY

12/2007

GPA: 3.12/4.00