Andrew Abril

New York, NY

PROFESSIONAL EXPERIENCE

MacKay Shields
May 2011 - Present

Software Developer   *New York, NY*

- Developed first global risk analytics dashboard web application, using ASP.NET webforms, that quantifies market risk exposure. Results utilized for risk committee meetings by CEO, COO and senior management.
- Designed and implemented first data warehouse, a repository for the entire firm's security, portfolio, holdings and analytics data with SQL Server 2012 and SSIS as the ETL (extract, transform, load).
- Created market risk dashboard used to anticipate multi-million-dollar municipal bond losses as a result of 2013 Detroit bankruptcy news.
- Eliminated 85% of redundant reports and reduced job runtime by 55% for attribution system feed by refactoring script that generates thousands of reports from accounting system.
- Implemented the data integration for CRM migration by automating manual data feeds from accounting, performance, data warehouse and Finance systems to Salesforce using its web API.
- Automated end of month Client Services reporting to save three days by creating end of month snapshot in data warehouse and complex Excel spreadsheet reporting using c# application.
- Reduced weekly and monthly sales reporting delivery time by creating an application, in ASP.NET MVC, that allows Finance team to easily reconcile cash flows and send reports to New York Life.
- Presented at New York Life Investment Management technology forum about implementing proprietary enterprise data warehouse and business intelligence solutions.
- Produced and presented to New York Life on proof of concept for adoption of Seismic, a cloud sales platform, that enables customization of investment product decks.
- Developed strong communication skills from daily contact with key stakeholders from various teams including: Global Fixed Income, Municipal Bond, High Yield, Legal and Compliance, Finance, Marketing, Client Services, Human Resources and Information Technology.

Cloud Nine Property
April 2017 - Present

Co-Founder   *Little Ferry, NJ*

- Created an Angular single page application (SPA) that tracks and analyzes fix and flip opportunities.
- Developed fix and flip analyzer web API using .NET core, which calculates various profit indicators.
- Collected property data by using custom c# script that scraped data off property listing websites.

FUN FACT

World Traveler - 10 countries, 20 cities
Jan 2019 – May 2019

- Assumed leadership role for Buenos Aires IVHQ volunteer program in the construction and renovation of local schools and soup kitchens of low-income communities.
- Maintained expense tracker to ensure costs aligned to budget forecast and within 5% margin of error.

LANGUAGE & TECHNOLOGY

- **Languages:** c#, T-SQL, HTML, CSS, Typescript, Javascript
- **Technologies:** Visual Studio, SQL Server, SSIS, SSRS, SSAS, Angular 2+, SVN, Git, Active Batch, PostgresSQL, Docker, Azure DevOps, CI/CD

EDUCATION

Rutgers University School of Engineering
May 2011

Bachelor of Science in Electrical and Computer Engineering with Honors   *Piscataway, NJ*