

Andy Roche | Software Developer

andy@roche.io • Philadelphia, PA • <https://roche.io> • <https://github.com/rocheio>

SUMMARY: Software developer with 4 years of professional experience. I've built web, desktop, and mobile applications ranging from JavaScript games to high-performance data extractors. Back-end focus with a full-stack perspective.

TOOLS: **Love It:** Python (*Flask, Django, Numpy*), JavaScript (*TypeScript, jQuery*), HTML / CSS (*Bootstrap, Flexbox*), Git, Linux, SQL
Used It: C#, Google Analytics, Tableau, SSIS/SSRS, VBA
Learned It: Go, Ruby, PHP, Java, C++, C

EXPERIENCE: **Sidecar** **Philadelphia, PA**
Software Engineer *September 2017 – Present*

Software engineer with the Research and Development group.

PwC **Philadelphia, PA**
Software Developer / Senior Associate *August 2014 – September 2017*

Spent first year as an IT consultant for a solar and retail energy startup. Implemented ETL infrastructure that sends over 1000 welcome emails and gift cards to customers each month. Then moved to an internal software team.

Built a web application that lets employees audit client data from SAP and Oracle directly, creating accountant-friendly Excel workbooks with the results. Used in production each year to support dozens of Fortune 500 company audits.

Led development of a data extraction desktop application, which lets employees migrate data from any client ERP to encrypted SQLite files. Used at over 100 clients to replace manual processes, saving thousands of work hours each year.

PwC **Philadelphia, PA**
Data Solutions Intern *June 2013 – August 2013*

Developed data visualizations and customer acquisition reports for a home security startup using SQL, Tableau, and Excel with VBA.

Lockheed Martin **Valley Forge, PA**
Software Development Intern *May 2012 – September 2012*

Led a team of 3 interns to develop an internal mobile web app for the employee directory using JavaScript with the Backbone.js and Handlebars.js frameworks.

EDUCATION: **Temple University** **Philadelphia, PA**
Bachelors – Information Systems – 3.97/4.00 GPA *2010 – 2014*

Dual-majored in MIS and Marketing, graduating with the 2014 MIS Student Achievement award. Won first place in the 2012 AIS mobile app development competition with a wardrobe-planning app. Worked as a teaching assistant for Data Analysis, Business Statistics, and Intro to MIS courses.