

STEPHEN K. HARVEY

1835 Robindale Ave, Dearborn, MI 48128
(313) 434-5181 • SteveKeyHarvey@gmail.com



SteveKeyHarvey.me

EDUCATION

The University of Dayton

Dayton, OH

B.S. with Honors in Business Administration, May 2018

Majors: Finance and Management Information Systems

GPA: 3.8 / 4.0

Honors: The National Society of Collegiate Scholars, Dean's List: Fall 2014 - Fall 2016

Honors Thesis: 'Utilizing Machine Learning, through K-Mean Clustering, to Leverage Peer-to-Peer (P2P) Secondary Market Inefficiency, in Order to Profit from Note Pricing Discrepancy'

SKILLS

- Advanced Excel with VBA and Bloomberg API for Financial Modeling
- Python Programming with Pandas and iPython (Jupyter Notebook) for Financial Modeling
- Basic SQL Queries and SQL Server Management Studio
- EViews for Linear Regression and Statistical Data Analysis
- Nonprofit Grant Writing and Proposal Composition

UNIVERSITY ORGANIZATIONS

Flyer Consulting

The University of Dayton

Managing Director: Delivery & Quality Assurance Leader (*October 2015 – March 2017*)

President (*March 2017 – Present*)

- Manage consulting services for nonprofits to provide strategy focused solutions for various business problems.
- Responsible for creating relationships and seeking out new clients. Oversaw international client expansion.
- Manage relationships and communication between clients and professional partners for Flyer Consulting.
- Meet and present to nonprofit executive directors and board members.
- Have interviewed 100+ students for hiring new members.

Hanley Sustainability Fund

The University of Dayton

Founding Member | Modeling Director (*February 2016 – February 2017*)

- Managed the first year of the fund's technical portfolio and the development of the initial Python based backtest. Returned 18.04% (ex-cash) for the year of 2016.

Head of Non-Discretionary (*February 2017 – Present*)

- Oversee the development team focused on the development of the fund's main programmatic model: an equity backtest built in Python with Pandas that optimizes portfolio selection.
- Member of a team that maintains, analyzes, and proposes new holdings for the fund with a focus on the Technology, Telecom, and Healthcare sectors.

WORK EXPERIENCE

Quicken Loans

Detroit, MI

Trade Desk Intern (*May 2017 – Present*)

- Support Traders, and Capital Markets as a whole, through daily operations and the development of financial models in Excel with VBA and SQL.
- Responsible for moving loans (~\$100M-\$300M daily) from warehouse credit lines to Fannie Mae's early funding credit line (ASAP Plus), in order to reduce the cost of carry from holding loans pre-trade.

Business Analyst Intern (*May 2016 – Aug 2016*)

- Assisted with the continuous development of the main platform used by Capital Markets.
- Developed Excel based models to compare datasheets, in order to validate programmatic data translations.
- Gathered requirements from business partners within Capital Markets for the platform's development teams.

Atwater Trading LLC (*May 2016 – Present*)

Detroit, MI

Member | Founder

- Founder of Atwater Trading LLC, an organization specializing in alternative risk-free trading strategies. Algorithmically trade assets including peer-to-peer debt and cryptocurrencies.
- Returned 10.44% on a \$15,000 investment over a one-month period through Bitcoin arbitrage
- Utilize Python and an AWS hosted SQL database to track Lending Club's secondary peer-to-peer loan market, in an attempt to realize a risk-free return through the arbitrage conditions from inefficient note pricing.