HENRY FYFE

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SUMMARY

I am a full-stack web developer, passionate about helping others problem solve, creating intuitive user experiences, and learning about the world through data. My experience focused on newer companies as I love to build, whether company, application, or circuit board.

SKILLS

LANGUAGES: Ruby, Rails, Python, Java, Javascript, JQuery, HTML / CSS, PHP, Hadoop / Hive, SQL, R, Matlab

SOFTWARE & PLATFORMS: Tableau, Google Analytics, Amplitude, Wordpress & WooCommerce, Shopify, Oracle, VBA / Excel

PROJECTS

RASPBERRY DRIVE

Use a Raspberry Pi 3 with camera to drive an RC Car. I implemented controls of the car from the Pi, including the board output, wiring, and simple server for receiving commands.

LABSHARE

A sample Rails application for sharing experiment proposals across all members of a lab. I implemented the test suite, achieving 96% coverage.

EDUCATION

Princeton University

BSE Operation Research & Financial Engineering

Magna Cum Laude
GPA: 3.8 departmental, 3.73 overall
Varsity Water Polo

VOLUNTEERING

TRINIDAD & TOBAGO WATER POLO

Summer 2009

· **Assistant Coach**

Implemented training program for U-16 Men and U-14 Women National teams. Coached both at 2009 Central American and Caribbean Championships in Barquisimeto, Venezuela.

EXPERIENCE

DEV BOOTCAMP
Chicago

Student — **Jul 2016 to Nov 2016**

- A 19-week intensive training program for aspiring web developers, with a focus on building full-stack web development skills using Test Driven and Agile development techniques while practicing empathetic team cooperation and communication.
- Languages covered: Ruby & Rails, Javascript & JQuery, HTML5 / CSS, and Python.

CONSULTANT
Chicago

Ginoseast.com — **Mar 2016 to Current**

- Redesigned purchasing experience of the existing Ginoseast.com online shop (an installation of Woocommerce). Revised site layout and refactored back-end products & orders SQL database. Debugged and upgraded integrations with vender.
- Designed & developed a web presence for Bravo's loyalty and gift card programs. Wrote client and server components (javascript & php) that securely integrated with NCR's APIs for its loyalty and gift card products.

Butterfly Network — **New York City / Jan 2016 to May 2016**

- Advised on best practices for eCommerce systems and processes. Developed a roadmap for business operations growth (vendors, systems, and staffing) based on stated product and business goals. Reviewed extant operating systems.

SQUARE
San Francisco

Business Associate - eCommerce Growth — **Sep 2014 to Dec 2015**

- Manager for growth of Square's payments hardware eStore on web and mobile. Responsible for measuring and reporting on conversion rates via Google Analytics and Ruby/MySQL/Tableau. Identified funnel optimizations and design revisions and managed engineering team in executing improvements. Increased channel revenue and LTV acquired by 120% and 100% respectively over 15 months.
- Led investigation of enterprise eCommerce platforms for potential use by Square. Presented an analysis of eCommerce platforms to executive team.

Business Operations Manager — **Jun 2013 to Aug 2014**

- Managed Square's global fulfillment & distribution operation with $10 million in annual spend. Consolidated US operations from 3 vendors to 1, and expanded operations into Canada and Japan. Oversaw onboarding of vendors.
- Launched supply / demand planning process for all products in Square's supply chain, including Square Stand, Square Reader, and 3rd party Point-of-Sale devices.
- Evaluated supply-chain ERP platforms and project managed implementation of Oracle's Supply Chain solution across internal and external teams.

Business Intelligence Analyst — **Oct 2012 to May 2013**

- Created operating metrics for segments of the customer onboarding funnel using MySQL, Ruby ETLs, and Tableau. Implemented process for measuring warehouse turn-around and shipping times. Identified improvements that reduced average order-to-delivery time by 24%.
- Designed and implemented system (the physical recording processes, MySQL & Hadoop databses and Ruby & Python ETLs) for tracking products through the supply chain to facilitate better understanding of how customers acquired devices.

NOMURA SECURITIES
New York City

Desk Analyst - Capital Markets — **Jun 2010 to Jun 2012**

- US oil-and-gas and basic materials equity trading analyst, covering 18% of the S&P 500. Analyzed financial statements and sensitivies to commodity prices to identify investment opportunities and risks. Distributed a daily commentary note to clients.
- Developed methodology and systems for tracking team's profit & loss by trading counterparty (clients) using Excel VBA and Microsoft Access.