

John Whelchel

New York, NY | 404-797-9383 | me@johnwhelchel.com | GitHub: johnwhelchel | StackOverflow: whelchel

PROFESSIONAL EXPERIENCE:

Asana - NYC, NY Feb. 2019 to present

Program Lead, Product Engineer

Helped ship Asana's "Workload" feature, which led to a 70% increase in business trials 4 weeks after launch. Promoted to Program Lead after 6 months, leading a team of 9 (5 other engineers) to launch new reporting and data visualization features. Nurtured growth of NYC office and culture from 18 to 50+ through recruiting efforts and leading NYC Engineering All-hands.

SW Analytics, LLC - Washington, D.C. Feb. 2017 – Dec. 2018

Co-Founder & CEO (<https://www.sw-analytics.com>)

Co-founded soccer analytics company focused on helping collegiate and professional clubs leverage performance data to improve their team and players. Helped MLS teams analyze their personnel and the broader competition in order to best leverage the global transfer market. Built and maintained database encompassing over 30,000 games (PostgreSQL). Designed and implemented a variety of backend analytic software tools using modern libraries such as Numpy and Matplotlib (Python). Closed company's first sale within 4 months of founding.

Chirpyhire, LLC - Washington, D.C. Sept. 2016 – Jan. 2017

Director of Operations (<http://www.chirpyhire.com>)

Applied Predictive Technologies (APT) – Arlington, VA Aug. 2015 – Sept. 2016

Software Engineer

Designed and implemented complex full-stack features to aid clients in visualizing and crunching millions of data points (C#, JS, MySQL). Recognized a workflow defect during onboarding in my first month and used "20% time" to write a new feature that saw such enthusiastic adoption across the client base that clients called in to thank us. Won "Technical Execution" award at hackathon for proofing out use of TypeScript across the firm – TypeScript now used in production firm-wide.

EDUCATION:

Princeton University - Princeton, NJ 2015

Computer Science – Cum Laude (BSE)

Awards: Tau Beta Phi (Engineering Honor Society), Sigma Xi (Research Honor Society), German Department Book Award, Creative Writing Excellence Award

Leadership: President of 220-member eating/social club, Performance Director and Tour Manager of the Princeton Nassoons (*a cappella* group), Bass Section Leader of Princeton University Glee Club

TECHNICAL:

Expert: Python, JavaScript & TypeScript, SQL, HTML & (S)CSS (all 6+ years)

Effective: C# (.NET), Ruby

Capable: Rust, R, C, OCaml

Other General Frameworks, Libraries, and Techniques

Data analytics, data visualizations, D3.js, Django, Flask, Ruby on Rails (RoR), React.js, Matplotlib, Knockout.js, Node.js, Bash, Git, web scraping, PostgreSQL, MySQL, Sass

OTHER NOTABLES:

Semi-professional baritone 2016 - 2019

Sung with a variety of choirs in the D.C. area including the Choral Arts Society of Washington and the 18th Street Singers. Recent concerts have included backing Renée Fleming, Wynton Marsalis, and Norm Lewis, as well as Beethoven's 9th Symphony under Dudamel and the L.A. Philharmonic. Regularly performed as solo and choral staff singer in various churches in the D.C. metro area.