

Joe Waggoner

Product focused engineering lead with experience designing, building, and deploying web applications to facilitate data driven decision making

EXPERIENCE

TruMedia Networks- Sports Analytics, 2015 - Present

Notable Accomplishments:

- Headed team in designing and building out a self service reporting system used by 20 Major League Baseball (MLB) organizations to create scouting reports for use in player development, advance scouting, and player evaluation
- Built fielder opponent batter specific positioning optimization tool used by MLB teams to help determine infielder and outfielder alignments
- During my time as product lead, average annual contract value has risen by more than 100%
- Standardized engineering process to an agile based approach, resulting in an increase in useful team output

MLB Product Lead, Engineering Lead: 2017 - Present

- Owner of product roadmap and development for product suite comprising over 70% of company revenue
- Spearhead team of 5 engineers in estimating, architecting, and executing on product backlog items
- Provide product demos, training, and sales pitches to existing and prospective clients
- Interface with clients to understand needs, and map needs to future work or enablement opportunities

Senior Software Engineer: 2015 - 2017

- Individual contributor delivering timely, high quality code
- Production deployments

Johns Hopkins Applied Physics Lab

Quantitative Analyst and Software Developer: 2013 - 2015

- Designed and computed metrics and data visualizations to characterize algorithmic and system performance of U.S. Navy fleet sonar systems
- Performed principal analyst role during automation case study which highlighted areas for significant improvement in legacy systems and influenced development priorities for next generation systems

Durham, NC

(202) 316-9085

joewaggoner.com

joe@joewaggoner.com

EDUCATION

Johns Hopkins University —
Graduate Coursework in
Applied and Computational
Mathematics

University of North Carolina,
Chapel Hill — *B.S. Applied
Mathematics, Computer Science*

TECHNICAL SKILLS

I'm paid to do:

Web Development

- js, css, html, web
components (Polymer), aws,
NodeJS, PostgreSQL, MySQL,
sql, mongoDb

Software development

-java, c++, MATLAB,
linux, git

Statistical Analysis

- regression analysis,
machine learning, data
cleaning

Data Visualization:

- d3

I'm familiar with:

reactJs, python, r, web
scraping

PROJECTS

[SwagIndex](#) NCAA basketball
ratings system and website.

Evaluates team strength and
accomplishments compared
to schedule strength

BONUS

Amateur winner of Pro Disc
Golf Assoc. (PDGA) C-tier disc
golf [tournament](#)