JON WFXI FR

CONTACT

(215) 292-5955



jon@jonwexler.com



jonwexler.com



github.com/JonathanWexler



@JonathanWexler

EDUCATION

⇔ Brandeis University

2009 - 2013

B.S Computer Science



Foundations of Data Science

2019



Quantic MBA

2020 - present

SKILLS

JS JavaScript/Node.js

Expert

Advanced



Vue.js/React.js Expert



Expert





Advanced



Advanced

Rails & Express.js & Nuxt.js & Meteor.js Jest & Chai/Mocha & Jenkins & Docker Git * D3.js * Jupyter Notebook * Kafka

Get Programming with Node.js



- Published February 2019
- On University reading list
- Translated and sold in Korean and Japanese
- Over 5,000 copies sold
- Project code on github

Tiny Node Projects

EXPERIENCE

Meta New York

2024 - present

Senior Software Engineer 🕏 🛄 JS 🕪





- GenAl VR Integration, Server and System UX Senior Engineer
 - Implement MetaAl APIs for use in Meta Quest VR headset

soon Soon Dating New York

2023 - 2023

Senior Software Engineer JS



- Lead new feature initiatives and manage product releases
 - Iterate user matching algorithms
 - Implement post-date journaling
- Implement client-facing React Native APIs and client data consumption for iOS
 - Build API for event registration
 - Create backend CMS for admin management of events and attendees
- Manage product testing and coordinate app version releases to the app store
 - Oversee Test Flight and Fastlane configurations for device testing
- Develop real-time push notification and support for dynamoDB tooling
 - Configure DynamoDB models and integration with AWS lambdas, alongside React Redux store models

Meta/Facebook New York

2021 - 2023

Senior Software Engineer 🔁 🖺 🕠 🕪 🤮







High Messages Per Second, Messenger Project Lead

- Modified core Messaging layer to handle new message volumes impacting millions of business accounts a month
- > Created utility classes to check for messaging volume status for Pages across three protocols: Lightspeed, GraphQL, and Web HTTP deltas
- Directed client (iOS, Android, and Web) UI changes to reflect server support for higher volume states
- > Managed deployment launch and experiments over a target audience of over 100 million Page accounts
- Led cross-functional collaboration with Messaging infrastructure teams and organization-wide dogfooding
- Re-engagement Lists, Server Tech Lead
 - Led architecture for backend caching, ML integration, and system design for Messenger thread sync protocol
 - > Built new data structures for thread lists in Messenger and a mechanism for updating list contents asynchronously
 - Managed experiments and launch decisions for top-1000 yielding market business Pages, including three pivots and multiple interactions over launch
 - > Project-managed Android UI and sync changes to display customer messaging threads to re-engage
- Messenger Chat Entity, Project Lead
 - Led product design/project management for a highly visible tool to promote business Pages across Messenger and Business Suite
 - Designed and developed a real-time chatbot tool for partners in business messaging market, Meta's first implementation of Page-to-Page messaging
 - Extended server User Messaging hook to support Messenger Business
 - Managed design changes, chat message content discussions, and legal copy
- Ads Creation/Extension Platform, Server Tech Lead



Publication 2023

Project code on github

LANGUAGES

A English **X** Hebrew Fluent

Fluent

GIVING BACK

CodeNation New York

2020-present

* Teach weekly coding classes in under-resourced high schools

FIRST Robotics New York

2019-present

 Assist app development for STEM robotics competition

Bloomberg Kids New York

2018-present

 Design and teach annual day-long technical workshop to employees' children

LLS New York

2017 - 2020

 Volunteered 250+ hours to raised \$17k+ for research

GORUCO New York

2018

 Co-Organized Ruby conference; managed speakers, live stream

Code for Philly Philadelphia

2017

 Collaborated with local engineers to build free web resources for the city

Girl Develop It Philadelphia

2016

Instructed multi-day Ruby workshops to promote technical diversity and equity

Little Stars School India

2013

 Developed English-learning executable games in Java and created promotional mini-doc

- > Led server implementation for ad creation and extension within the iOS and Android Messenger app; project targeting over \$100 million revenue gain
- > Headed experiment for ad creation interface on mobile and web surfaces
- > Built GraphQL API support for Ad account metadata, including ad demographics, impressions, reach, and payment information
- > Designed and developed server changes to support duplicating ad content and charging payments to run new ads from the Messenger surface

Suggested Replies, Server Tech Lead

- Led server implementation of stored Message snippets for business Pages
- > Implemented new caching tables and sync queue for real-time updates across supported devices

Suggested As You Type, Server Tech Lead

- Designed ML-driven Messaging suggestions across iOS and Android
- ➤ Led experiment iterations to change from natural heuristics to ML model
- > Drove privacy conversations with content designers and legal for use in global markets

Org-wide Privacy Leader, Tech Lead

- Worked with counsel, to scope projects affected by global privacy laws
- > Directed seven teams on privacy use cases and project infringements
- > Designed privacy mitigations for adjacent teams and developed code to mitigate over 50 privacy concerns across the org

B Bloomberg L.P. New York

2017 - 2021

Senior Software Engineer 🖶 🖺 🧏 JS







Draft Analyzer, Project Lead

- > Architected Vue SPA permissioned application to poll Rails API and back-end Spring Boot Java services with an integrated Kafka event system
- > Integrated ML classification service and corresponding front-end application for dynamic content re-rendering with new document classification results
- > Reduced Vue app browser memory by 50% (120mb to 60mb) by refactoring Vuex reactivity usage and store getters
- Improved legacy browser compatibility with custom JavaScript polyfills and webpacker asset bundle size
- > Developed initial proof of concept with internal dockerized services for quality assurance testing during development process
- > Trained and modeled NLP entity extraction library for 100k+ public transactional agreements and 4m+ company names/aliases; presented results to CTO
- Led mentorship, on-boarding, and interviewing assignments for my team

Brief Analyzer, Front-end Lead

- > Developed division's first Vue standalone application with Rails integration and file storage backed by Java and ML classification services
- > Eliminated continuous daily errors on SEC document rendering by rebuilding XML/HTML parsing logic
- Developed collaborative-filtering recommendation system for litigation text using Python and Surprise ML library
- ➤ Led UI/UX implementation meetings for product roadmap/ticket creation
- > Built internal ML database and notebook versioning PIP package CLI tool

Fraud Analytics, Project Lead

- > Led full-stack fraud analytics Rails/D3 project with dynamic tables, responsive charts, and API integration with Solr aggregated results
- > Reduced XML styling logic by 60%, improving parsing efficiency by deleting 25% of referenced conditions and methods in document transformations
- > Architected site-wide permission-driven tour builder for new product walk-throughs using JavaScript and web components

- Litigation Analytics, Full stack engineer
 - Refactored print/download Java service to handle new API calls for judge analytics data
 - > Designed custom D3 charts and Polymer component widgets to display dynamic court analytics
 - Collaborated with services to release ML-backed Points of Law product

Manning Publications New York

2016 - present

Author JS

Publication

- > Support published content in Get Programming with Node. is and Tiny Node
- > Teach Node web development in 34 fast-paced, practical, lessons on how to extend JavaScript skills to write back-end code for the web
- Manage book forum and coordinate weekly editorial/marketing meetings

Workshops

- > Present quarterly in-person and online Node workshops through Zoom, Twitch, and sponsored meetups in collaboration with Manning
- > Curate code, repos, and tutorials for latest Node and JavaScript best practices
- University curriculum
 - Design university curriculum on book contents taught at UC Denver
 - Support content for Brandeis University curriculum



2015 - 2017

Lead Developer/Academic Director JS ♥

Teaching

- > Led web development intensive course in HTML, CSS, JavaScript, Ruby, and Rails, covering databases, API integration, testing and deployment in Philadelphia, NYC, and Amsterdam, teaching and connecting 100+ students with job opportunities
- Designed Node intensive course, including code, content, and tasks

Engineering

- Managed technical hand-off and data transfer to Strayer University as point-person during company acquisition
- > Led agile development team of 4-8 in architecting, building, and deploying Rails application handling enrollment, payments, and site content
- > Developed Stripe-integrated payment system with customizable payment-installment system and round-robin internal sales tool

Management

- Co-managed Philadelphia coding bootcamp campus
- Led technical Node workshops in collaboration with local businesses

- Architect and deploy an average of two applications a year in Rails and Node, Vue, Nuxt, Express, and React
- Built domain reseller service wit integrated API using Node and Express
- Design Rails and Node applications with Vue and AWS S3
- Manage contractors and remote development team across client projects

Klish Group, Inc. New Jersey

2014

Software Developer 🍱 JS



- * Built components for large-scale corporate websites using HTML,CSS, XML, XSL, and JavaScript, and designed database query tools in Java
- Collaborated on-site with Wyndham, Visa, and AT&T engineers during months-long projects

See more at jonwexler.com