

# Thomas J. Fox

[www.thomasjfox.xyz](http://www.thomasjfox.xyz)  
+ 1 (716) 860-6636  
[thomasjfox1@gmail.com](mailto:thomasjfox1@gmail.com)

846 W Sheridan Rd, Apt 1R  
Chicago, IL. 60613  
*LinkedIn:* in/thomasjfox1  
*GitHub:* thomasjfox1

## Employment

---

**4C Insights** (acquired by **Mediaocean**, 2020), *Chicago, IL*

**Technical Program Manager**

**Jan 2020—Present**

- Managing projects with multiple engineering teams to deliver the next generation of 4C's Scope product, including revamping architecture, transition to microservices / GraphQL, and a new robust user experience
- Handling cross-org technical dependencies between projects and onboarding teams into new architecture
- Relaying between leadership and teams / engineers about deliverables, decisions, risks, and resourcing

**Lead Software Development Engineer**

**Jan 2019—Present**

- Currently Lead of Platform Infrastructure team focused on building foundation of new platform and supporting existing platform with infrastructure as code and CI / CD
- Owner of critical services like a Python authentication service and a Node.js GraphQL backend-for-frontend
- Led a full stack team focused on making 4C's platform self-serve and enhancing user experience with tight feedback loop between Engineering, Product / Design, Sales, and clients
- Built user administration tool in Python and React to empower users and increase client team bandwidth

**Senior Software Development Engineer**

**Oct 2018—Jan 2019**

- Spearheaded transition of the platform to React and built an internal component library for reuse
- Helped build and maintain a bare-metal Kubernetes cluster to support microservices and distributed workers
- Mentored junior engineers and evaluated / interviewed job candidates

**Software Development Engineer**

**Aug 2016—Oct 2018**

- Full stack engineer working on a large single-page ad management web application built primarily with ES6 Ember.js, React, Redux, and a Python Flask backend
- Architected, built, and maintained an audience building tool
- Integrated third-party APIs and in-house data sources for audience building and publishing

**Oranj**, *Chicago, IL*

**Software Developer / Designer**

**Jan 2016—Aug 2016**

- Initiated development of a hybrid mobile app project for Oranj's wealth management platform and a new iteration of Oranj's main web app
- Designed high fidelity mockups for the redesign of Oranj's mobile and web applications

**NBT Solutions** (now **VETRO FiberMap**), *Buffalo, NY*

**Developer Intern**

**Summer 2014 | Winter 2014, 2015**

- Built web applications leveraging geo-data for clients to either display data publicly or for analytics
- Created custom map tiles incorporating open data from OpenStreetMaps
- Designed and developed frontend interface for NBT's VETRO Fiber Management tool

## Education

---

**Loyola University Chicago**, *Chicago, IL*

**B.S. Computer Science**

**May 2016**

- *Magna Cum Laude*
- Interdisciplinary Honors Program

**John Felice Rome Center**, *Rome, Italy*

**Fall 2014**

## Tools & Interests

---

- JavaScript (ES6), Python, Node.js, HTML / CSS, SCSS
- ReactJS, Redux, Ember.js, Flask, MongoDB, MySQL, Redis, Celery
- Kubernetes, Docker, Ansible, Git, Jenkins, AWS, DigitalOcean
- Photography, Reading, Running, Biking, Rowing, Design, Cooking, Cartography