

Thomas J. Fox

www.thomasjfox.xyz
+1 (716) 860-6636
thomasjfox1@gmail.com

6751 N Sheridan Rd, Apt #8
Chicago, IL 60626
LinkedIn: /in/thomasjfox1
GitHub: thomasjfox1

Education

Loyola University Chicago, Chicago, IL – B.S. Computer Science, May 2016

- *Magna Cum Laude*
- Interdisciplinary Honors Program
- Coursework: Algorithms, Artificial Intelligence, Calculus I & II, Computer Systems, Data Structures, Discrete Mathematics, Embedded Systems: Micro-controllers, Networks, Intermediate OO Programming, Programming Languages

John Felice Rome Center, Rome, Italy – Fall 2014

Employment

Developer/Designer, Oranj – January 2016 - Current

Working as part of a small agile team on a wealth management application. Initiated and started work on the development of a hybrid mobile application project for Oranj's Financial Advisor product as well as a full redesign of Oranj's main web application. I designed high fidelity mockups and a new, simpler user flow for the redesign of Oranj's mobile and web applications.

- Using Ionic, AngularJS and Node.js for mobile and full redesign project
- Worked with MongoDB and Socket.io for instant messaging functionality

Independent Web Developer – April 2015 - February 2016

Contracted by a not-for-profit Chicago-based music organization to design and build a custom Wordpress-based website with a lesson scheduler, e-commerce and program member profile system.

- Developed product with PHP, MySQL and HTML/CSS/JS

Developer Intern, NBT Solutions – Summer 2014; Winter 2014, 2015

Gained experience working with geospatial data for various uses cases as part of a team in multiple locations. Developed both designs and code for web applications leveraging geo-data for clients to both display data or for their own analytical purposes. Created custom map tiles incorporating open data from OpenStreetMaps using tools such as QGIS, TileMill and MapBox Studios.

- Created an internal AWS services cost reporting tool using Node.js, JavaScript, and Express server
- Designed and developed front-end interface for the customer-facing piece of NBT's VETRO Fiber Management Tool; a product created to allow fiber companies manage demand and infrastructure
- Used open source technologies such as GruntJS, Bower, AngularJS, Vagrant, and Leaflet

Additional Experience/Projects

LuTech: Loyola Technology Club Co-Founder – Fall 2013

- Co-Founded LuTech, a computer science group on campus
- LuTech hosts hackathons, tutorials, and other miscellaneous services for the Loyola student body

Skills and Passions

- Node.js, JavaScript, Java, C++, C#, C, HTML, CSS, UNIX, Python, Arduino
- TileMill, Mapbox Studios, Leaflet, AWS, Heroku, AngularJS, Vagrant, Agile
- Design, Cartography, Photography, Adobe Creative Suite