

Thomas J. Fox

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Employment

Developer/Designer, Oranj – January 2016 - Current

- Initiated and started work on the development of a hybrid mobile application project for Oranj's wealth management application as well as a full redesign of Oranj's main web application
- Designed high fidelity mockups and a new, simpler user flow for the redesign of Oranj's mobile and web applications
- Used Ionic, AngularJS and Node.js for mobile and web application project
- Worked with MongoDB and Socket.io for instant messaging functionality

Independent Web Developer – April 2015 - February 2016

- Contracted by a Access Contemporary Music, a 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

- Developed both code and designs for web applications leveraging geo-data for clients to either 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 Studio.
- 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 the Leaflet map viewer for the VETRO application

Education

Loyola University Chicago

B.S. Computer Science – May 2016

- Interdisciplinary Honors Program
Magna Cum Laude
- 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

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,
- Design, Cartography, Photography, Adobe Creative Suite