

{ Falmata Mohamed }

Cell: 619-502-1215 | Email: me@falmata.com | GitHub: [falmatam](#) | In: [/in/falmatamohamed](#) | [www.falmata.com](#)

B.S. in Computer Science – focus in Systems and Software | **University of California, Irvine**

Education

Technical Skills: Javascript, HTML5/CSS3, AngularJS, ReactJS, AJAX, HTTP, REST, JSON, Bootstrap, Python, C#, .NET, MySQL/NoSQL, AWS, Salesforce, Adobe CS6, Visual Studio, Eclipse, IntelliJ, R, Power BI, Google Analytics, Windows, OS, Linux, Git

Interests: UI/UX Design & Development, Full Stack Engineering, HCI, Software Engineering, Software Design, Application Development, Big Data, Data Science, Business Intelligence, Analytics, Product Design, Project Management, Consulting

Experience

Lead Software Developer, Terumo BCT | Denver, CO

May 2017 – Present

- Built an interactive web application to introduce a modern digital marketing experience for Terumo's leading medical device, implementing a full-scale 3D UI; used at global tradeshows and other major events
- Contributed to existing AngularJS codebase while also building one-off microsites for global marketing campaigns and introducing fresh new UI styling; worked heavily with HTML/CSS, AngularJS, C# and Eloqua
- Established a new SOP for all digitally developed works to optimize a previously inefficient review process

Web Engineer, CPTGroup Inc. | Irvine, CA

Oct 2016 – June 2017

- Re-designed entire client-facing web app UI system, introducing a mobile-first responsive approach
- Designed and developed intuitive customer-facing web applications working across full-stack
- Leveraged HTML/CSS/JS, jQuery, Bootstrap, AngularJS, .Net, C#/VB, and SQL

Software Engineer Intern, AT&T (formerly DIRECTV) | Los Angeles, CA

August 2015 – Sept 2015

- Continued to manage and develop web app which is still in use today in AT&T (formerly DIRECTV)
- Implemented agile methodologies, iterating through multiple prototypes leading to deployment
- Ensured quality transitioning of developed works by leading user-guide meetings with developers

Software Engineer Intern, DIRECTV | Los Angeles, CA

June 2015 – August 2015

- Developed an in-house Data Visualization hub to streamline analysis of critical performance data
- Project impacted by AT&T merger as it brought in brand new, unstructured sets of data
- Leveraged HTML5/CSS3/JS and open-source D3.js & HighCharts.js to implement web application UI
- Deployed onto an Apache-based web server and hosted on internal company site -- still used today

UI Engineer, Orbee | Irvine, CA

April 2015 – June 2015

- Led design and development of product UI as a contract engineer
- Employed front-end technologies to rapidly produce prototype in a fast-paced start-up environment
- Worked with AWS ec2 and c3, aiding in delivering commercial product quickly

Software Development Intern, Cordoba Labs | Irvine, CA

Jan. 2014 – Jan. 2015

- Developed a data scraper in Python to access GreatSchools API and perform calculations
- Contributed in design and implementation of HousingRebound website UI
- Rapidly launched and deployed eCommerce & Directory site leveraging Wordpress
- Streamlined Marketing Department to live website process and ensured all requirements met

Side Projects

WASH Multifamily Laundry Systems® Data Analytics Tool

Worked directly with WashLaundry® Business Intelligence team, including the CIO, to build a fully function data visualization dashboard which included interactive visuals, leveraging the Microsoft PowerBI tool. Visuals were generated using raw data that was provided by internal resources along with data pulled from third party API's -- Purpose was to discover correlation between sales data and numerous other variables.

Fabflix (Mock-Netflix Application)

As a team of 3, developed and deployed a full-stack movie-searching site. Required creating a database (MySQL), parsing XML data to store into database, leveraging PHP, adding AJAX calls, implementing a prefix search algorithm, and finally developing an Android version of application. Done in multiple iterations.

Personal Site

falmata.com is a site that I created, using Bootstrap 3, to use as my personal portfolio. I handled the domain purchasing through name.com and decided to host it via Heroku™ and learned much about Git, Linux and full stack development during the process. Also applied Google Analytics to monitor site performance.