

{ Falmata Mohamed }

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Education

B.S. in Computer Science (focus: Systems and Software) | **University of California, Irvine** | August 2016 (Expected)
Coursework: Software Engineering, Software Design I & II, User Interface Software, HCI, Data Structures, Java, Python

Technical Skills: Python, C++, Java, HTML5/CSS3/JS/jQuery, AJAX, JSON, Bootstrap, MySQL, PHP
Adobe CS6, MS VStudios, Eclipse, IntelliJ, R Studio, Windows, OS, Linux, GIT

Interests: Web UI/UX Design and Development, Software Engineering, HCI, Consulting, Project Management, Big Data

Experience

Junior Software Engineer Intern, AT&T | Los Angeles, CA August 2015 – Sept 2015

- Managed and developed web applications which are still in use today in AT&T Enterprise unit
- Implemented agile methodologies, iterating through multiple prototypes leading to deployment
- Ensured quality transitioning of developed works by leading user-guide meetings with developers

Junior 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 front-end technologies and open-source D3 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

Web Master, MSA West | CA June 2014 – June 2015

- Managed and developed both front and back-end, redesigning and reimplementing UI
- Utilized extensive Joomla system while maintaining communication with service providers
- Worked closely with Board of Directors to consistently deliver project requirements

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

Product Consultant, Vivint | San Diego, CA July 2014 – Nov. 2014

- Mastered technical product knowledge and led numerous product consultations with clientele

Project(s)

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. More to come on this project.

Stock Analysis

Using the Yahoo™ API, programmed in Python to create scripts via "socket" objects, downloading, extracting and formatting large dataset of Yahoo Stocks. Analyzed data, implementing special algorithms to notify user of when to buy and sell stocks depending on selected threshold.

Viral Media Hub [Current]

Planning and developing a responsive viral media-sharing web application, utilizing Parse™, to cater towards the East-African diaspora, implementing a MEAN (MongoDB, ExpressJS, AngularJS, NodeJS) stack to present a user-based social web community – anticipating large-scale audience.