

Murtaza Jafferji

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EDUCATION:

Brandeis University, Waltham, MA

B.S. in Computer Science, B.A. in Math, expected May 2012

GPA: 3.667

Relevant Coursework: Structure and Interpretation of Computer Programs, Computer System Structures and Organization, Data Structures, Discrete Structures, Database Management Systems, IT Entrepreneurism

Honors/Recognition: Web application (Definitious) ranked highest in class

SKILLS:

- Java, Ruby, Rails, C++, C, Javascript, HTML, CSS, SQL, SQL *Plus, Android, Facebook Apps
- Utilize latest technologies to create, design, develop, and maintain six websites with users from 70+ countries
- Lead team of developers to meet and exceed specifications for a client (Hiatt Career Center)
- Use Preliminary Design Documents, Software Architecture Design Documents, Interface Control Documents, Top Level Design Packages, database schemas, and syntax documents to architect software solutions
- Listen to the wants and needs of users and clients to continually add features and fix bugs on websites
- Experienced with rapid prototyping, collaborative development, and software testing and analysis
- Proficient at UNIX/Windows command line and adept at shell scripting
- Developed mobile applications using Java for Android and implemented REST APIs for these applications

EXPERIENCE:

Software Engineer Intern

Raytheon Company (Network Centric Systems)

5/2011 – 9/2011

Marlborough, MA

Technology leader specializing in defense, homeland security, and other government markets worldwide

- Worked closely with Senior Software Engineers and with Interface Control Documents and Top Level Design Packages to architect a new component of the Flight Data Interface, the Route Expander
- Wrote SQL *Plus scripts to pull route information from the AT3 database and Java software to make that information available for use in the Flight Data Interface
- Developed an eCom Session Reader/Writer to support an AT3 Intersegment Message interface
- Created a Track Data Service and Flight Data Service recorder and player which saves TrackDataObject and FlightObject information sent out by AT3 on a JMS topic which can be used to run GVT independently of AT3

Technology Intern

Tribune Company

8/2010 – 12/2010

Chicago, IL

USA's largest employee-owned media company, operating businesses in publishing, interactive and broadcasting

- Lead migration of Tribune's intranet site (TribLink) and its respective Java applications from Sun One LDAP servers to Windows Active Directory servers
- Wrote shell scripts to perform complex operations on remote servers
- Used RSpec and Cucumber extensively to test and develop new web applications

Web Applications

Definitious, Amal Tracker, The Internship Database, Friend Intersection, Veritasneem, Digital Rain

5/2010 – Present

Ruby on Rails applications designed, developed, and deployed using agile and scrum methodology

- Definitious: Online dictionary where users can submit and vote on definitions with social media integration
- Amal Tracker: Repository to track and log exercise routines, expenses, homework, tasks, etc.
- The Internship Database: Database for internship opportunities and reviews of past internships
- Friend Intersection: Facebook Application which finds the mutual friends between any number of people
- Links: <http://definitious.com>, <http://amaltracker.com>, <http://internshipdatabase.org>, <http://friendintersection.com>, <http://veritasneem.com>, <http://digitalra.in>, <http://github.com/murtazajafferji/>