

Jeremy (Mingxuan) Li

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Education

Northeastern University, College of Engineering, Boston, MA

M.S. in Information Systems

Sep, 2015

Related Course: Java Application Engineering, Web Design/Development, Advanced Data Science, etc.

Central South University, College of Engineering, Changsha, China

Monash University, College of Engineering, Melbourne, Australia

B.S. in Computational Material Engineering (Joint-degree)

Jun, 2013

Honors: 2nd prize in Challenge Cup Innovative Technology; "Most Influential Member", Engineer-Club.

Leadership: College Vice-President of Innovation and Entrepreneurship Association.

Technical Skills

- Languages: JavaScript/ES6, Java, HTML5/CSS3(Sass/LESS) ► Databases: MySQL, NoSQL
- Web Framework: Angular 1/2, D3.js, React, Bootstrap, Gulp, Bower, RESTful, Spring framework.
- Design Tools: Sketch 3, Balsamiq, Axure, Adobe Suite ► Other: Git/Bitbucket, JIRA, Dev Tools

Work Experiences

Veracode, Inc (acquired by CA technologies), Burlington, MA

Software Engineer I, Platform/Integration

Jun, 2016 – Now

- Developed and built plugins/extensions for our new generation of application security scan platform.
- Tackled customer-faced technical problems, refactored the deprecated codebase and merged with new APIs for our CI/CD pipeline, improved the DevOps lifecircle for a more reliable TDD environment.
- Collaborated with Designer, PM and QA to bring internal UI components into my team by using Agile.

Philips of North America, New York

Software Engineer Intern, Acute Care Solutions

Sep – Dec, 2014

- Processed healthcare data stored by various formats that can be later used for EMR research purposes.
- Implemented the pipeline used to connect Core API for 5~7GB of raw patient notes using Python.
- Designed and implemented a periodic recommendation for patient monitoring system.

Wezeen, Shanghai, China

Front-end UI Developer

May – July, 2013

- Redesigned UI using HTML, CSS and JavaScript, customized Bootstrap framework for webpages.
- Responsible for gathering functional requirements and client's feedback to conduct pilot user testing.

Academic Projects

Innovative Precision Agriculture Decision-support System

Jul, 2015 – Aug, 2015

- Developed a big data analytic platform using Apache Spark, ingested relative data from USDA API and coached them into the MemSQL database.
- Designed a responsive UI by GoogleMap API via AJAX bundled with backend on Spring framework.

U.S Airline On-Time Analytics

Aug, 2015 – Dec, 2015

- Assembled, transformed and processed the large-scale datasets from RITA.
- Implemented algorithm (K-Mean, PAM, Hclust, dbscan) to provide high resiliency for data mining.
- Delivered graphs and charts for visualizing air flight on-time performance analysis outcomes.

Healthcare Medical-Malpractice Informatics System

Nov, 2013 – Jan, 2014

- Designed a national-wide model independently for adverse reporting of the healthcare system by Java.
- Implemented a hierarchical access system to safeguard patient privacy under aggressive deadlines.
- Created login system to enhance the functionality of system and revised the Service Rating Module.

B2C Online Coffee Web Application

Jan, 2014 – Mar, 2014

- Developed the multi-role reliable platform mainly using Python to improve clients' experience.
- Requested and received the JSON data from the feeds collection of the server at the back-end.
- Created front pages with featured functions, connected to the database to manipulate data.

Extra-curricular Experiences

Traffic Tracker for Boston MBTA

Apr – Jun, 2015

- Fetched real-time feed data from developer APIs to track all the stations info by using Bootstrap.