

JACQUES MATHIEU

web/software developer
at Riis, LLC

EDUCATION

Northeastern University

Khoury College of Computer Sciences

bachelor of science in computer science & music
dean's list | past 2 semesters

Boston, MA

09/2014 – 03/2019

Cranbrook Kingswood High School

FTC robotics team co-captain & lead software dev.

AP scholar & FTC world championship finals '10, '11, '14

Bloomfield Hills, MI

2009-2014

WORK EXPERIENCE

Massachusetts' Office of the Attorney General

Boston, MA

Business Applications Developer – Co-op

01/2018 – 07/2018

- created data ingestion and conversion capability of Mass. Board of Bar Overseers website for internal attorney staff database usage
- maintained office-wide public intake system configured with Hyland OnBase
- facilitated development of new litigation management system for attorneys using OnBase
- standardized stylesheet for all views in intake system, and litigation management system
- utilized Agile lifecycle stratagem to efficiently implement new goals each sprint
- conducted user feedback and discovery work meetings for developing system improvements
- utilized Python and data analytics to aid decision making
- other responsibilities including creating projects to improve team workflow

Harvard Innovation Labs: SparkCo, Inc.

Boston, MA

Web Architect – Co-op

01/2017 – 07/2017

- created sales agent view, admin view, and client facing view for sales business application
- gamified platform with design & implementation of scoring system for agents using PHP, MySQL and JS
- automated client setup process using PHP, MySQL, & dynamically generated HTML
- built automatic billing system to charge clients using CRON jobs, PHP & Stripe.io
- developed dynamic web-based file editor for non-technical admins
- assembled MySQL database to accommodate 1M chat transcripts for future analytics

RIIS LLC

Troy, MI


Junior Web Developer

10/2019 – Present


- worked for Ford Credit's Account Manager (AM) Team as a full stack developer from 12/19 – 7/21
- helped modernize the AM web application to improve the experience for customers looking to monitor their vehicle expenses, extend their lease, etc. on an up-to-date & robust application
- improved TDD, pair programming skills and learned the inner workings of a complex web app
- employed Angular, NgRx & SASS on the front end of the app and used Spring Boot & Java for the backend
- automated deployment and testing processes using Jenkins pipelines and git hooks (where applicable)
- learned the workings of Pivotal Cloud Foundry and how to host an application on such a server
- investigated production incidents using Splunk and Dynatrace to diagnose system failures and culpability
- created Splunk dashboards and alerts for new features to keep track of failures and stop them as quickly as possible in the event of a production issue
- implemented and consumed APIs to provide others with information unique to our team or to offload business logic from our codebase
- incorporated Postman collections to automate integration and end to end testing of our application

CONTACT


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 (248)-410-5877


 tinyurl.com/jmath-portfolio


 229 Saxon Ct., Rochester Hills, MI


TECHNICAL SKILLS

 Spring Boot, Java, JUnit, Python, VBA, R, C, C++, RobotC, ACL2s, Racket.

 CSS, HTML, SASS, Angular, NgRx, React, JS, Bootstrap, Postman, Selenium, Protractor, PHP, JQuery

 SQL, Apache CouchDB, Splunk, Dynatrace, Pivotal Cloud Foundry.
Working knowledge: MongoDB

 Github, Jenkins, VSCode, IntelliJ, Brackets.io, PyCharm, VIM, TMUX, Sublime, Notepad++, Eclipse IDE, Netbeans

 Expert in Ableton Live, Max/MSP, Adobe Photoshop, Microsoft Office

OTHER SKILLS

Business level of the French language

Classically trained pianist; play on occasion to pass the time

Electronic music producer (my work can be found using the link to my website above)

jacques  mathieu