Franco B. Reda

Software Engineer

Professional Engineering Experience

DONNELLEY FINANCIAL SOLUTIONS, SOFTWARE ENGINEER   **AUG 2019 - JUL 2022**

- Contributed to a team of developers and software architects to design and create a web application to assist clients in getting in compliance with new financial regulations (PRIIPS / MIFID).
- Implemented a new front-end architecture based in React and designed the new user interface components from scratch using Storybook.
- Interfaced new architecture with a custom library of RESTful APIs.
- Developed new interface components utilizing the Blazor Framework.

CAPGEMINI, ASSOCIATE CONSULTANT   **MAR 2019 - JUN 2019**

- Trained with React and the MEAN stack to implement web applications for the company's financial services unit.

Additional Experience

CIMUN, UNDERSECRETARY-GENERAL OF MEDIA   **DEC 2019 - PRESENT**

- Led staff of 200 people to develop & plan an annual global educational conference for 1,200 students. Manage long-term conference development, hiring and training media volunteers, and development of the media education strategy.
- Oversee and develop all written, broadcast, and online media for the conference. Created a brand new visual identity for the conference.
- Developed Typescript based UI elements for the conference's Technology team.

BLUETOOTH HUB FOR CLINICAL DEVICES, SENIOR DESIGN   **SEP 2017 - MAY 2018**

- Collaborated with a team of four engineers to develop an embedded hub that would collect and analyze data from clinical devices for Direct Supply.
- Designed an Android App that established Bluetooth Low Energy connections between our hub and a Blood Pulse Oximeter.
- Successfully delivered a final presentation that covered product design, analysis results, and product viability to a room of professors, students, and local professionals. Results were received positively by our customer.

AN ANALYSIS OF HOMEFIELD ADVANTAGE   **MAR 2018 - MAY 2018**

- Analyzed how the demographics of a home crowd affect the win percentage of a home team in the NBA and in European Soccer Leagues.

Education

MARQUETTE UNIVERSITY, MILWAUKEE, WISCONSIN   **AUG 2013 - MAY 2018**

Bachelor of Science in Computer Engineering, Focus in Intelligent Systems
- Marquette University Bands, Vice President, April 2016 - April 2017
- Association for Computing Machinery, 2017 - 2018

Contact

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- FB-Reda

Interests

Computer Vision, Machine Learning, Data Science, Internet of Things

Skills

PROGRAMMING LANGUAGES
STRONG
C#, Javascript, Python

PRIOR EXPERIENCE
Assembly, Bash, C, Java, tSQL, Swift, VHDL

WEB TECHNOLOGIES
HTML 5, CSS, React, Angular, jQuery, Node.JS

ENGINEERING SOFTWARE
Siemens NX, PSoC Creator, Keil uVision, NI Multisim

OPERATING SYSTEMS
MacOS, Linux, Microsoft Windows, iOS, Android

SOFT SKILLS
Adaptability, Team Motivation, Paired Programming, Prioritizing, Troubleshooting