SYLVAIN DERORY FRONTEND WEB ENGINEER

Contact Details

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Links

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Github :
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Profile

- FrontEnd Web Engineer, 4 years of experience,
- Master in Sciences, Major in Electronic and Industrial Software Engineering

Skills

- HTML, CSS Software Proficiency
- Qt, QML Software Proficiency
- C, C++, C#, Java Software Proficiency
- Agile Workflow
- Office Tools: Jira, Doxygen, Figma, Slack, GitHub, SVN, Microsoft Word, Excel, Powerpoint, Page
- Soft Skills: Teamwork, Independency, UX mindset

Languages

- French: Native
- English: Expert
- German: Confirmed

Interest

- Adult Amateur Rugby
- Former Elite Wrestling Athlete
- US Football
- History

Experience

Frontend Web Engineer ,VECTICE ; San Francisco, United States — Feb 2022
https://www.vectice.com/

- Web application development with Typescript React on a Saas solution to manage Data-Science Team
- Created our own component from HTML elements
- Development of a stand-alone graphical library for graph generation with Visx
- Optimize cache management with GraphQL to provide the best UX
- Conducted unit testing to deliver optimal browser functionality using Jest, Apollo client testing
- Created an attachment preview galleries with a full-screen preview for each of the attachment similar to tools like Slack or Jira
- Collaborated with in-house web designers to create sleek and innovative UI design. (Figma, Jira)

FrontEnd HMI Consulting Engineer SEREL through MCA; Belgium — Sep 2021 - Feb 2022
https://www.serel.com/en/; https://mca-groupe.com/

- Developed Supervision Software for sensors on a textile production line
- Ran debugging tools to eliminate flaws and glitches prior to publishing.
- Translated UX and business requirements into elegant code solutions.
- Use of Pcan protocol to exchange with the sensors
- Implementation of DevOps tools (doxygen, GitHub …)
- Coded using Qt Quick, QML to develop features for both mobile and desktop platforms.
- Development of detail documentation of the UI and the codebase.

Electronic Apprentice Student Engineer, ADDI-DATA Gmbh ; Germany — 2018 - 2021
https://addi-data.com

- Refactored web application for a smart Ethernet data logger from Lua script to Angular 11 in TypeScript using Bootstrap 4.
  - Redesign the application with new Company Branding.
  - Developed Middleware to communicate with the device using HTTP requests.
- Smoke Test of the smart Ethernet data logger.
- Automated logs process between embedded system and a car on GNU Octave.
- Developed in C# a Motor Visualisation System. Developed Test for the HMI integration.
- Prepared standard reports and documentation to communicate results to senior management.

Education

Engineering School Télécom Physique Strasbourg, France — 2018-2021
Master of Sciences, Major in Electronic and Industrial Software Engineering
http://www.telecom-physique.fr/en/school/about-us/

- Relevant Coursework: Software Development, Agile Methodologies, Programming Courses in C, C++, C#, Kotlin, Typescript,Angular, Java, Linux, network systems
- Ranked in Top 15% of class
- Rugby Club Member
- Interniship Abroad: Baden-Baden, Germany

INSA Strasbourg ; Strasbourg, France — 2016-2018 Undergraduate Preparatory Class
https://www.insa-strasbourg.fr/en/

- Relevant Coursework: Computer Science, Electricity, Math, Physics

- Professional Development: Practical Electricity courses Tri phased motor starter system, assembly electrical grid for farming warehouse.