

Bruno Lazo La Torre Montalvo

Computer Science graduate, Fullstack software developer at Powerb, former Community Manager at Credits.com, I have a strong passion in Computer Science and have experience in IT, Software Development, Web Development, Blockchain and Data Analysis

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🐙 github.com/brunolazo

TECHNICAL SKILLS

- Develop Smart Contracts in Solidity and implementing an e-voting product on the Ethereum Blockchain
- Over 5 years involvement in the Crypto space technology
- Pluriannual experience in testing and troubleshooting electronical devices, in a wide variety of systems, platforms and applications
- Experience in Data Analysis and Machine Learning using SQL, Python, NumPy, SciPy and Pandas
- Experience in Web development backend and frontend: HTML, CSS, PHP, JavaScript, Vue, Django
- Exposure to SAP products and other ERP and CRM Software Solutions
- Experience in Software Development using C, Java, Python, Solidity, Smalltalk
- Certified advanced experience with the Microsoft Office applications (Access, Excel, Word, Powerpoint)
- Experience using Windows, Linux and Virtual Machine software

WORK EXPERIENCE

Full stack developer POWERB SAGL

11/2023 - Current,

Bellinzona, Switzerland

Achievements/Tasks

- Designed and developed multiple full-scale web applications using Vue.js for frontend and Django for backend, resulting in high-performance, user-friendly interfaces and robust backends.
- Led the end-to-end development of a QR code generation service, developing an intuitive UI and seamless integration.
- Developed a paid tracking service for AI-generated documents, enabling clients to monitor document opens and send real-time alerts.
- Engineered a real estate website, facilitating property listings and client interactions, which enhanced user retention.
- Implemented RESTful APIs to enhance the functionality of the developed projects.
- Optimized backend performance ensuring scalability and reliability.
- Conducted thorough testing and debugging, achieving a reduction in reported bugs and a significant Improvement in overall system stability.
- Utilized version control systems (Git) for code management, ensuring seamless integration and deployment processes across all projects.

Community Manager Credits.com

12/2020 - 01/2023,

Remote

Achievements/Tasks

- Increase the community's social media following through engaging content and strategic campaigns.
- Maintain a high level of community engagement through regular interactions and prompt responses to inquiries, feedback, and comments.
- Organize and facilitate monthly Q&A sessions with the project CEO, attracting numerous participants per session.
- Regularly compose and distribute project news, resulting in an increase in user engagement during major announcements.

Software Developer Intern

Micra Software & Services S.r.l.

01/2022 - 02/2022,

Corciano, Umbria, Italy

Achievements/Tasks

- Training with Java and development of a JSF CRUD application.
- Utilize Python and relevant libraries to process real-life datasets in the medical environment, employing Machine Learning algorithms for analysis.
- Conduct data analysis and clustering to identify patterns and anomalies, presenting the findings through graphical interpretations.

IT Technician Intern

Susa S.p.A.

06/2016 - 09/2016,

Corciano, Umbria, Italy

Achievements/Tasks

- Digitize and archive critical documents from all company branches across Italy, resulting in a reduction in document retrieval time and increased accessibility for remote teams.
- Utilize AutoCAD to analyze and enhance fire safety measures for diverse office floor plans, ensuring compliance with industry standards and reducing potential hazards.
- Management of employees data archives, reducing data entry errors and improving accessibility.

IT Technician Intern

Susa S.p.A.

06/2015 - 09/2015,

Corciano, Umbria, Italy

Achievements/Tasks

- Computer's configuration on local workstations.
- Development of a comprehensive vacation plan model using Microsoft Excel, optimizing employee scheduling.
- Implementing an efficient document management system, resulting in a reduction in retrieval time and enhancing overall company organization.

EDUCATION

Computer Science

Università degli Studi di Perugia

09/2017 - 09/2022,

Grade: 105/110,

Thesis: "An e-voting sytem based on the Tornado Cash protocol"

Relevant coursework: Computer Architecture, Programming, Algorithms and Data Structures, Software Engineering, Formal Languages and Compilers, Operating Systems, Network Architecture, Databases and Information Systems, Computer Security, Computer Networks, Open and Distributed Systems, Multimedia Systems

Electronics

Istituto Tecnico Tecnologico Statale "Alessandro Volta"

09/2012 - 07/2017

Comenius eTwinning Scholarship

Laurin Koulu, Finland

07/2013 - 11/2013

CERTIFICATES

SQL for Data Science

University of California, Davis

Samsung Innovation Camp

Samsung Electronics

ECDL (European Computer Driving Licence)

ICDL Europe

Forex Trading With The Elliott Wave Theory

Udemy

LANGUAGES

English

Full Professional Proficiency

Italian

Native / Bilingual Proficiency

Spanish

Native / Bilingual Proficiency

PUBLICATIONS

“An e-voting system based on the Tornado Cash protocol” Emerging Technologies for

Authorization and Authentication

5th International Workshop, ETAA 2022, Copenhagen, Denmark