Pablo Pereira

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Employment History

Oktana Corporation   April 2019 - Present
Software Developer

- Execute within Agile Methodologies following Concur disciplines.
- Coding APEX Triggers, Classes and Test methods.
- Salesforce User Interface creation and modification using Visualforce as well as creation and modification of custom APEX pages and field JavaScript field validation.

Universidad ORT Uruguay   March 2019 - Present
Teaching Assistant (Programming I and Programming II)

- Provide help and evacuate doubts to students about exercises in the technologies: Java, JavaScript, CSS and HTML.
- Give open talks about new -innovative technologies related to programming.

Education

2018 / 2019 - ISCTE - University Institute of Lisbon, Portugal - Student Exchange

2016 / 2020 - Universidad ORT Uruguay, Uruguay - Systems bachelor's degree.

Awards

2017 - National winner of the "Rally Latinoamericano de Innovacion" - *Centro de Innovacion en Ingenieria, ANFEI, CONFEDI*

Proposing a system of triboelectric generators in critical places studied by Machine Learning and Pattern Matching, in order to generate alternative economical, efficient and ecological energies.

My main tasks were: - Investigate and collect data on the different ecological energies and emergent technologies. - Organize the team, divide tasks, propose and set deadlines. - Create and implement the CANVAS Business Model.

2016 - Winner of the development and innovation contest #DondeGO - *Campus Party Argentina Buenos Aires, Argentina*

The winning idea was the application #DondeGO, which was designed as a solution to offer an interactive solution to raise awareness among the population about the ETS contagion, which was evaluated by a jury of the HUÉSPED Argentina Foundation and the GENOSHA development company.

My main tasks were: - Create an extension of the official website of the HUÉSPED Argentina Foundation. - Idealize the video game, architecture and its ranking system. - Develop these tasks in HTML, CSS, JavaScript and use the A-FRAME framework to provide the user with a better experience through virtual reality.

2016 - Third place in "Latin American Innovation Rally" - *Centro de Innovacion en Ingenieria, ANFEI, CONFEDI*

Propose of the "LEMMING" project, whose objective is to stop the OSE water losses after a break in the pipes.

My main tasks were: - Investigate the different problems in the water pipes in Uruguay. - Propose various solutions through a brainstorm and organize the information collected. - Participate in the video recording delivered as part of the solution. - Support in the elaboration of the CANVAS Business Model.

Courses

- Algorithms Specialization by Stanford University
- Data Structures by University of California San Diego & National Research University Higher School of Economics
- Graph Search, Shortest Paths, and Data Structures by Stanford University
- Greedy Algorithms, Minimum Spanning Trees, and Dynamic Programming by Stanford University
- Shortest Paths Revisited, NP-Complete Problems and What To Do About Them by Stanford University
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms by Stanford University