**David CABEZA**

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| EDUCATION |

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| **Simon Bolivar University** |  | Graduating in June 2020 |
| *Computer Engineer* |  | *GPA 3.9210/5.0000* |
| **Lund University** |  | Fall 2018 |
| *Exchange Program in Computer Engineering* | |  |

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| WORK EXPERIENCE |

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| **Inpetus** |  | Caracas, Venezuela |
| *Student Web Developer* |  | August 2017 – July 2018 |
| * Heavily used Python’s Web framework Django and learned about many Web Development good practices; * Developed a library for computing arbitrage values in different cryptocurrency markets; * Launched AWS Ubuntu instances and setup elastic beanstalk. | | |

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| MAJOR PROJECTS |

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| **Arduino Maze Robot** |  | 2018 |
| *Arduino based robot for rescuing three people from a fire inside a maze* | | |
| * Contributed to the Arduino’s programming task, taking most decisions about the code and its modularization; * Wrote in Arduino/C++ algorithms for maze solving, line following, sensor calibration and evaluation of intersections. | | |

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| **Predicting the fertility of a herd of cows** |  | 2018 |
| *Tool to predict the fertility of a herd of cows using Google's machine learning library Tensorflow* | | |
| * Handled the dataset identifying irrelevant and missing data; * Sampled the training and validation data; * Built in Python/Tensorflow a Deep Neural Network. | | |

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| **Sudoku** |  | 2016 |
| *A version of the classic game Sudoku with difficulty levels written in Python* | | |
| * Built the Logic of the game and Graphic Interface together with Python and Pygame. | | |

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| **SIGULAB** |  | 2017 - 2018 |
| *An information system to manage the internal processes in the Unit of Laboratories of Simon Bolivar University* | | |
| * Acquired leadership abilities by guiding the team in the use of tools and practices; * Organized the work, roles and responsibilities of the members; * Implemented the backend in Web2py based on Python. | | |

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| SKILLS |

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| **PROGRAMMING LANGUAGES** | **TECHNOLOGIES** |
| 3 years: Python, Java, C/C++  1 year: JavaScript | HTML, CSS, JQuery, SQL, Git, Amazon Web Services (AWS), Django, Heroku, Unix/Bash, JUnit, Pygame, CircleCI, Arduino, WordPress |
| **AWARDS** |  |
| Bosch Nordic Explorer at Bosch Nordic Experience (2018)  Honorable Mention in the development of SIGULAB modules (2018) |  |