PABLO GAMITO

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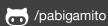
EDUCATION

COMPUTING – BEng
Imperial College London
2017 – 2020
Modules include:
Graphs & Algorithms, Reasoning about programs, Databases, Programming I & 2 (Functional, Object-oriented & Concurrent programming), Hardware & Architecture

INTERNATIONAL OPTION OF THE BACCALAUREAT (OIB)
Cité Scolaire Internationale
2013 – 2017
Exam results:
18.14/20 average (honors) with scientific concentration with a specialization in mathematics
19/20 in Advanced Mathematics
20/20 in Physiques and Chemistry
20/20 in History and Geography

SOFTWARE ENGINEERING
Flatiron School, New York
Summer 2015

SKILLS

DEVELOPMENT
JAVA | RUBY | PYTHON
HASKELL | HTML5 | CSS3
JAVASCRIPT | SQL | SINATRA
RUBY ON RAILS | NODEJS
VUE.JS

LANGUAGES
English | Native Proficiency
Spanish | Native Proficiency
French | Native Proficiency

WORK HISTORY

INTERNATIONAL LYON MUN WEBSITE
Jul 2016 – Jun 2017

- Fully redesigned, developed and maintained the non-profit organization's website.
- Decreased bounce rate to 35.58%.
- Increased average session duration to 3m54s.
- 3.41 pages visited per session.
- Attracting over 500 unique daily users at peak usage.

GOOGLE CHROME EXTENSION
Jul 2016

- Created to add the missing line numbering feature to Google Docs.
- Over 30,000 weekly users as of December 2017.
- With a total of over 100,000 unique users in the last year.
- Expanded features to solve specific users' needs, specifically for the legal and educational profession.

POSITIONS OF RESPONSIBILITY

CODING CLUB
Oct 2015 – Jun 2017

- Created & managed a coding club with Flatiron School.
- Taught 18 students Ruby, HTML, CSS, and JavaScript during weekly meetings for two years.
- Learned to communicate abstract concepts.

GAME SERVER FOUNDER - PABICRAFT
2012 – 2014

- Founded, developed and operated a Minecraft server
- Learned to manage and configure servers on both AWS and OVH.
- Managed a total of 5 volunteer staff members.
- Averaging over $300 in monthly revenue.

SOME PROJECTS

CRYPTOCURRENCY TRADING BOT
Aug 2016 – Jun 2017

- Aggregated and analyzed data from multiple sources.
- Tested and developed many strategies: experimented with technical, quantitative, and machine learning strategies.
- Learned to properly and efficiently test code and strategies both with artificial and real-world tests.

ETHEREUM DECENTRALIZED SMART CONTRACTS
Dec 2016 – Jan 2017

- Learned about blockchain and the solutions the Ethereum platform provides.
- Developed smart contracts using, Ethereum's own smart contract development language, Solidity.
- These include a lottery and decentralized option trading smart contract.

SMART PORTFOLIO TRACKER
Nov 2017 – Now

- Developing a web app for users to track their crypto portfolio in real time.
- Keeps track of users balances and provides analysis by connecting and fetching data from multiple blockchains and exchanges.
- Developed with modern minimalistic UI/UX design in mind.

HACKATHONS

EYECHESS - HACK CAMBRIDGE TERNARY
Jan 2018

- Developed a web app that parses chessboard images into a format chess engine can process (FEN notation), which allows users to take a picture of a flat chessboard and parse it to be able to continue to game online or get an AI to recommend the next best move.
- Uses the OpenCV python library for advanced image processing technics.
- Uses machines learning algorithms alongside Microsoft's cognitive services API to detect the color and type of the chess piece in each square in the image.

MARCOPOLO - IMPERIAL COLLEGE HACK
Jan 2018

- Developed a web application using Nodes with an MVC framework to simplify group travel organization.
- Interacts with multiple APIs and scrapes websites for best deals through a fully asynchronous backend and UI.
- Users selects and vote on destinations, travel dates, flights, accommodations, things to see and events from a list of choices.

CHAT CODE PRETTIFIER - FACEBOOK HACKATHON
Feb 2018

- Developed an extension to prettify code sent through Facebook Messenger.
- Detects code and language in messages using a trained machine learning model to prettify the code accordingly.
- Allows users to type code right into messenger in a prettified way by simulating a simple code editor in the browser.