Patricio "Pato" Lankenau

WORK EXPERIENCE

AUGUST 2013 – PRESENT

PayOnDelivery, Inc
Developer

I am currently working as one of the main developers. I work mainly in web and API development using JavaScript, HTML5, CSS3, and PHP5.

JUNE 2013 – AUGUST 2013

RedPill Consulting
Survey Developer

Designed and developed a responsive survey used to collect data from the clients of RedPill Consulting. Included a back-end system for processing, analyzing, and reporting data using PHP5.

MAY 2013 – JULY 2013

Baker Hughes
Dashboard Developer

Developed a web-based solution to aggregate, parse, and display various reports from the factory-floor. The data is displayed real-time and can be configured using an included administrator panel written in PHP.

MARCH 2013 – JUNE 2013

CargoGroup
Independent Developer

Developed an mobile web application that is used to keep track of expenses, salaries, and profits. In addition to an HTML5 web app, there is a desktop interface which can be used to generate reports, and monitor activity.

DECEMBER 2012 – FEBRUARY 2013

RedPill Consulting
SPEKs Developer

Developed a corporate Java application which is used to view, edit, and create multi-dimensional spreadsheets. It is a fully functional editor with live-editing of data and includes various customized versions for clients and with different functionality.

JULY 2012 – JANUARY 2013

Baker Hughes
Shop Floor Management System Software Developer

I designed and developed a system to keep track of efficiency and production across the factory factory floor. It keeps track of productivity in real-time, and generates supervisor reports. It was later expanded to two more plants.

Contact

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EDUCATION

2013–2017	**The University of Texas Austin** TURING SCHOLAR 3.6 GPA *B.S. in Computer Science*	
2009–2013	**Klein Oak High School** HIGH SCHOOL 4.0 GPA *International Baccalaureate*	

SOFTWARE SKILLS

PROFICIENT	Java, C, PHP, HTML5, CSS3, JavaScript, Linux, Windows
WORKED IN	Python, MySQL, C++, Meteorjs

CLASSES

CS311H	Discrete Mathematics CS: Honors
CS314H	Data Structures: Honors
M427LH	Vector Calculus: Honors
CS429H	Computer Architecture: Honors
M340L	Matrices and Matrix Calculations
M427KH	Differential Equations: Honors
CS178H	Research Methods: Honors
CS378	Autonomous Intelligent Robotics Research

PROJECTS

- LED Status indicator for my door written in C and deployed using an atmega avr
- Web service to cryptographically and securely timestamp information and files
- Mechanism to unlock dorm door using a phone app with a servo and RaspberryPi
- Android app to "drop" pictures in geolocation that can be opened publicly
- Created a clock and email checker using Python and a RaspberryPi
- Created gaming site for my high school that averaged +50,000 page views a day
- Developed and sold over 4000 copies of my Farmville bot
- Other projects: Image manipulation, Boggle, Conway's Game of Life, Tetris AI, Markov chains, tone matrix, multiplayer turn-based rpg