Patricio "Pato" Lankenau

WORK EXPERIENCE

MAY 2014 – AUGUST 2014

Google
Software Engineer Intern

Worked on Google Play Games. Main responsibility was to re-rewrite the Java backend implementation for handling of achievements, and to write implementations for adding more levels to Google Play Games profile. This inluded writing a large-scale map reduce pipeline to refill any due level ups for 150+ million players across Android, iOS, Native, and Web.

AUGUST 2013 – MARCH 2014

PayOnDelivery, Inc
Web Developer

Worked as one of the main developers, mainly in web and API development using JavaScript, HTML5, CSS3, and PHP5.

JUNE 2013 – AUGUST 2013

RedPill Consulting
Full-stack 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.

MARCH 2013 – JUNE 2013

CargoGroup
Independent Developer

Developed a 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
Software 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
Software Developer

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.

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EDUCATION

2013–2017	**The University of Texas Austin**
	TURING SCHOLAR 3.7 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++, Golang |

CLASSES (*- FALL SEMESTER)

CS439H*	Operating Systems: Honors
CS429H	Computer Architecture: Honors
CS314H	Data Structures: Honors
CS311H	Discrete Mathematics CS: Honors
M427LH	Vector Calculus: Honors
M340L	Matrices and Matrix Calculations
M427KH	Differential Equations: Honors

PROJECTS

- Application to view and analyze 170,000+ reviews for Google Play Games app, including concept and sentiment analysis
- 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, Conway's Game of Life, Tetris AI, Markov chains, tone matrix, multiplayer turn-based rpg