

Herald Chris Villarreal

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Education

University of Texas, Austin, Texas

August 2010 - May 2014

- Bachelor of Science in Computer Science
- Relevant Coursework: Object Oriented Programming, Software Engineering, Software Design, Algorithms and Data Structures, Computer Security, Principles of Computer Systems, Mobile Computing

Experience

PayPal, Austin, Texas

June 2014 - Present

Software Engineer 2

- Part of the team in charge of the main consumer site (<http://www.paypal.com/myaccount>). Focused on the activity page, search, header/footer, and notifications for the site. Technology used includes Backbone, React, Express, Typescript, etc.
- Helped develop a service to deliver globally used tech agnostic UI components (site header, footer, legal banners, notifications feature, etc.) that were used throughout the company's consumer applications.
- Worked as one of two engineers who developed the GDPR features that were necessary to make PayPal as a company GDPR compliant. Our UI service was leveraged so that we could build this in a single location and have it propagate to applications integrated with our service while also remaining consistent across the board.
- Worked previously on the regional solutions engineering team for Latin America; projects include using PayPal's Nemo framework (selenium based automation) for creating functional tests for our Node.js Brazil merchant signup application.

First Cut Pro, Austin, Texas

June 2013 - October 2013

Software Developer

- Helped develop a tablet friendly version of the viewing room while also improving other front-end aspects of the site such as the home page. Worked with Javascript, CSS, and HTML.
- Working alongside First Cut Pro to create and release a web application for consumers to showcase their videos; project name Vidlio.

Telogis Inc., Austin, Texas

January 2013 - May 2013

Software Development Intern

- Created a utility to auto-generate detailed documentation on a shifting set of hundreds of API parameters.
- Improved internal GUI and command line tools used to read diagnostic logs by fixing bugs and adding features; stream errors, zipped file support, multiple filtering, etc.
- Worked with Visual Studio, C#, and Mercurial through Agile software development.

Projects

instashare - <http://instashare.christophior.com>

- Mac application to share images from your mac tray to Instagram.
- The application is built using Electron, React, and material design react components as well as some image manipulation libraries for cropping and file converting.

Score! - <https://gum.co/scoremacapp>

- Mac application to keep up with the latest soccer scores and upcoming games. Written during the World Cup to help people stay up to date while they were working.
- The application is built using Electron and React. Also dug through multiple Fifa pages and files to find a hidden api in order to power the application.

React/Firebase Authentication Starter - <https://github.com/christophior/ReactFirebaseAuth>

- A starter React application that uses Firebase to implement authentication. The goal was to have a simple example that someone could clone and run to see how a react app could be set up with protected routes.

Technical Skills

Languages: Javascript, Java, Python, C#, C++, C, HTML, CSS

Platforms/Frameworks: Node.js, React, Backbone, Node, Firebase