

# Herald Chris Villarreal

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## Education

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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

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PayPal, Austin, Texas

June 2014 - Present

*Software Engineer*

- I work on the regional solutions engineering team for Latin America; projects include using PayPal's Nemo framework (selenium-webdriver 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

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**DogecoinTicker** - <https://play.google.com/store/apps/details?id=christophior.dogecointicker.app>

- Android application for users of the Dogecoin crypto-currency to stay up to date with currency prices on different exchanges. The project is maintained via Github and is unfortunately private.
- The application is a native android app that pulls in JSON data for multiple exchanges and creates graphs using the GraphView android library.

**Vidlio**

- Web application for consumers to showcase their videos in a stylish portfolio. Worked on during the 2013 TechCrunch Disrupt Hackathon in San Francisco, California.
- The application was developed using Python and the Django framework and is being hosted through a mixture of Heroku and Amazon Web Services. The project is maintained via Github and is unfortunately private.

**3 Day Startup: CaseWord** - [www.github.com/christophior/caseword](https://www.github.com/christophior/caseword)

- Spent three days taking an idea (CaseWord) from conception with other participants of 3 Day Startup ([www.3daystartup.org](http://www.3daystartup.org)) to a final pitch in front of current venture capitalists and investors.
- Built a minimum viable product using Django, Javascript, and Python and demoed how bringing together a word processor and legal database could help remove the hindrance of writing legal documents and citing resources.

**World Crisis Database** - [www.github.com/christophior/WCDb](https://www.github.com/christophior/WCDb)

- Software Engineering project that required us to learn how to use the Google App Engine, Django templates, Github, XML formatting, and how to dynamically generate webpages on our own.
- Deployed through the GAE, written in Python, and managed via Github. The site uses an XML schema to import data through XML and generates webpages dynamically to populate the site.

## Technical Skills

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

**Platforms/Frameworks:** Django, Node.js, Heroku, Amazon Web Services, Google App Engine