

# Eric Pharr

Full Stack Web Developer transitioning from a career in education, aiming to create simple, intuitive solutions and writing clean code.

## PROJECTS

### Teachr.tech

Sept 2017

Built a feature-rich social network for teachers to collaborate, including lesson plan creation, editing and sharing, and discussion forums. Built with Laravel/PHP, jQuery and Bootstrap, and also with the Filestack API, Summernote and Masonry jQuery plugins, and PHP libraries for parsing and sanitizing HTML inputs.

### Oldlister

Aug 2017

Created an ad listing site for users to sell their old things, built in PHP. Contributions included database queries, refactoring to ensure consistency in the project's code, and configuring nginx for file uploads.

### Simon

Built a web-based clone of Simon, writing the game logic, utilizing jQuery animations, synthesizing sounds with the Web Audio API, and including a Konami code easter egg.

## EXPERIENCE

### Voter Outreach – San Antonio, TX

Texas Democratic Party Sept 2016 – Nov 2016  
Worked on the 2016 election in Congressional District 23 on the canvass team. Used NGP Van and Grassroots Campaigns software to manage voter contacts.

### Algebra Teacher – San Antonio, TX

Brooks Academy of Math and Engineering May 2015 – Aug 2016  
Basis San Antonio Aug 2013 – Dec 2014  
Taught Pre-Algebra, Algebra I/Geometry, and Algebra II to students in Grades 6–9. Used student data to inform instruction, communicate with parents, and was available to other teachers as the resident expert on Microsoft Excel, testing software, and utilizing student information systems. Students achieved 82–97% pass rate on the STAAR Algebra I end of course exam, including 100% of economically disadvantaged students in first year.

### Business English Teacher – Mexico City, Mexico Georgal Idiomias, Perfect Lingo

Aug 2012 – March 2012

Taught business English classes for various companies and international corporations in Mexico City, including Banamex, Wal-Mart, and Nissan.

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## PROGRAMMING

### Languages:

PHP, Python, R,  
Javascript

### Libraries:

Web: jQuery, Bootstrap,  
Sass, Less, Web Audio  
API  
R: tidyverse, data.table,  
Rmarkdown, ggplot2,  
shiny  
Python: numpy, pandas,  
matplotlib

### Markup:

HTML, CSS, Markdown,  
RMarkdown, LaTeX,  
pandoc

## SKILLS

- Teaching & Training
- Public Communication
- Technical Presentations
- Management
- Spanish

## EDUCATION

### Codeup, San Antonio, TX — Career Accelerator

June 2017– Sept 2017

Completed 16-week full-stack web development program, with 500+ hours of coursework, including real-world projects.

### University of Texas, Austin, TX — B.A. Plan II Honors / Economics

Sep 2003 – May 2008