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[GitHub.com/ZacharyRSmith/Portfolio](https://github.com/ZacharyRSmith/Portfolio)

SUMMARY

- Academic-level experience in database design/querying, Linux, PHP, Python on Django, and Ruby on Rails.
- Self-starter. Taught myself: coursework, earning 30+ credit hrs by exemption, including maths except Calculus and Statistics.

SELECTED WORK EXPERIENCE

Back-end Dev (part-time) **Edevate** **April 2015 - Present**

- So far, all of my development work has been exploratory (ie, estimating how much development a project would require).
- Most of my time is spent advising on technical issues and wearing non-developer hats, especially HTML/CSS design.

Associate Music Dir., Musician **Stockbridge Presbyterian Church** **March 2013 - Present**

- Played instruments, composed, edited. Directed some rehearsals and conducted some.

LAMP-Stack Intern (full-time) **LAMP Camp** **November 2014 – December 2014**

- Worked on an eCommerce client app. My team focused on working with eBay's API.
- Worked with LAMP stack using Nitrous.io's IDE (Linux VM), MySQL, and Agile (JIRA).
- Sped up team's DB schema build by self-initiated scraping of API docs and code generating MySQL queries.

Student Researcher **Kipreos Lab at UGA** **August - Sept. 2012; Feb. - May 2013**

- Worked independently on a *C. elegans* project using genetic techniques.

(Musical positions of increasing responsibility at three different churches) **August 2007 – May 2011**

Intern (full-time) **Georgia Legislative Internship Program** **January - March 2010**

- Administration and communication (in-person, phone, other); minor research.

SELECTED FORMAL EDUCATION

Athens, GA **University of Georgia** **May 2011 – Spring 2013**

- **B.S. in Cellular Biology**; December 2013. GPA: 3.8.

Rome, GA **Shorter University** **Fall 2007 – Spring 2010**

- **B.A. in Music and Liberal Arts with Minor in Spanish**; May 2010. GPA: 3.9.

TECHNICAL EDUCATION AND EXPERIENCES

Selected Projects/Apps

- **Class Scheduler**: Parses HTML tables with course section time info, then renders all possible schedules with interactivity. Ugly and buggy, but it did what I wanted it to do! (: *JS, jQuery, Rails*
- **eBay API Client App**: (Please see "SELECTED WORK EXPERIENCE: LAMP-Stack Intern" on this page). *LAMP*
- **Chess**: CLI Chess games that referee move legality and ends on checkmate. *Ruby*
- **Toy/Learning Apps**: Recreations of "Minesweeper", "Snake", and also a 3x3x3 Tic-Tac-Toe game w/AI. etc. *JS, jQuery, Rails*

Selected Online Coursework

Completed:

- **DB, Java, Linux, MySQL, SOLID, SQL, UML on Pluralsight**: pluralsight.com/profile/ZacharyRSmith4989
- **"Databases"** Practical Relational Databases and SQL path, extended: class.stanford.edu/courses/DB/2014/SelfPaced/about
- **CSS, Git, HTML, JS, and Ruby on Rails on Codeschool**: codeschool.com/users/786219

In-progress:

- **MIT's and Stanford's Algorithms courses on Coursera.**

LANGUAGES, TECHNOLOGIES, ETC.

- **Intermediate+:** APIs; Git; HTML; JavaScript; JSON; jQuery; MySQL; Rails; Relational Databases; Ruby; SQL
- **Basic:** AJAX; CSS; Django; Electric toothbrushes (one contentious experience); IDEF1X; Java; Linux; PHP; Python; UML; XML