

SHAWN KLEIN

CONTACT

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EDUCATION

Harold Washington College
Associate of Science in Mathematics
Chicago, IL

SKILLS

Languages: Ruby, JavaScript, Java, Swift, CSS, HTML, SQLite, Clojure
Frameworks: Rails, RSpec, Sinatra, jQuery, iOS, Android, Angular, Jasmine, Capybara
Techniques: Agile, TDD, Scrums, Pair Programming, BDD, OOD
Environments: Git/Github, Linux, Mac, Sublime, Vim, Xcode, Android Studio, Chrome, Gimp, Photoshop

EMPLOYMENT

Klein Development – Chicago, IL Apr 2016 to Current
Plan, build, and maintain web applications, static websites, and mobile applications. Work with clients to understand their needs and collaborate on a design of their choice. Research and select additional technologies to be implemented on projects. Maintain blog tutorials for learning technologies (Feynman method). Test implementation of servers and domains using AWS.

Wynn Dalco – Chicago, IL Mar 2015 to Oct 2018
Computer technician to projects such as device rollouts, software deployments, computer reimaging, record and track deployment requests, provide device support to end-user, complete necessary procedure in compliance with Chicago Public Schools.

8th Light - Chicago, IL Jun 2014 to Sept 2014
Created mentor assigned RoR applications using TDD and Agile methodologies. Assist and collaborate with other apprentices when working with solutions for difficult problems. Receive reviews and constructive feedback from mentor in order to aid us in writing healthy code. Attended classroom style lectures on foundations of Computer Science, such as binary trees, agile development, and Java programming.

Dev Bootcamp - Chicago, IL Jan 2014 to Mar 2014
Attended intense 9-week program that emphasized on Ruby, Rails, HTML, CSS, JavaScript, Sinatra, and Test-driven development (RSpec, Jasmine, & Capybara). Projects were completed while working in pairs with other members of the cohort, larger projects were completed in five or six-person groups.

PROJECTS

The Klein Bottle TheKleinBottle.com/projects
Portfolio site of projects that was attempted while attending Harold Washington College.

- Calculus Cards – iOS flashcard game for learning derivative and integrals.
- World Timeline – JS site using vis.js library to show artwork in a chronological order.
- Nomenclature – JS site that prompts a compound formula and requests its full name.

Tatiana's Bakery [Github.com/Carpk/bakery](https://github.com/Carpk/bakery)
Owner is able to log in, create new items, upload and crop images, edit old items, and manage items that they would like to make available for purchase. Site is temporarily hosted on Heroku, uses AWS S3 service for image hosting, Angular, PostgreSQL, ngS3upload, and Ruby on Rails.

Tic-Tac-Toe [Github.com/Carpk/tic-tac-toe](https://github.com/Carpk/tic-tac-toe)
Computer AI that uses the minimax algorithm to counter user submitted moves. Front end uses JS, written in CoffeeScript, to send an Ajax request to the backend where Ruby uses minimax to determine the next best counter move. Developed using current best practices of agile and test-driven development.