

Conner DiPaolo

 2516 Vista Drive, Newport Beach



@cdipaolo



cdipaolo96@gmail.com



949 300 3774

Employment

soulsoup January 2015 - Present

Lead software engineer for a 501c nonprofit working to leverage more personal connections between sponsors who donate to soup kitchens and the homeless they donate to while cutting overhead significantly.

- Created a scalable, well documented backend API in idiomatic Golang that connects to a PostgreSQL relational database and Amazon Web Services.
- Developed thorough integration and unit testing techniques to curb chances of consumer-data harm as well as improve development iteration.
- Used Agile and SCRUM techniques to speed up development time under limited resources.
- Collaborated with other developers with git, through GitHub, to itemize and distribute tasks according to SCRUM workflow.

Projects

Shogi January 2015

Implemented the Japanese variant of chess, Shogi, as a two-player iPad application with Objective-C under MIT license on GitHub. Custom designed a clean user interface with Adobe Illustrator and Affinity Designer.

NHHS Beacon June 2014 - September 2014

Created a news delivery web application service for the Newport Harbor High School school newspaper, The Beacon, with Python 3.x via Django and Bootstrap, and deployed under a SQLite database. Also designed an intuitive interface such that non-developers can contribute and add content easily to the service.

golinear February 2015

Developed and tested a foundational linear algebra in Golang under MIT license on GitHub which included vector and matrix manipulations as well as methods to solve $Ax=B$ linear solutions using Gaussian Elimination.

resume April 2015

Open sourced a HTML and CSS template, including PhantomJS's render.js page capture method to enable users to easily edit a scalable resume through an intuitive template in HTML and use a pre-commit git hook to update the pdf rendition automatically. Proficient in recursion.

Skills

Programming Languages

Listed in order of proficiency.

- Golang
- Objective-C
- SQL (PostgreSQL, specifically)
- Javascript (Node.js more so than frontend)
- HTML5 and CSS3
- Python
- Bash
- C
- Swift

Technologies

Listed in order of proficiency.

- git
- Agile and SCRUM
- UNIX Command Line
- GitHub
- Atom