Reed Dunkle

github.com/reeddunkle | linkedin.com/in/reeddunkle | reeddunkle@gmail.com

(814) 720-7278
600 Hampton Ave., Apt 3
Pittsburgh, PA 15221

EXPERIENCE

Programmer, Recurse Center
New York, NY — Spring 2016

The Recurse Center is a self-directed, educational retreat for programmers

Projects

- Code Dojo – *Weekly lessons in algorithms, problem solving, and code review*
    - Teach data structures and algorithms, and conduct live, video code review each week
    - Direct and organize the project, writing the readme, tests, and talking points for each challenge
- Hacker News Article Topics – *Topic model and keyword extraction script, written in Python*
    - Implemented Latent Dirchlet allocation topic model
    - Cleaned and standardized text for natural language processing using NLTK library
    - Scraped articles using Hacker News API
- Backtrack Robot – *Path-finding and backtracking algorithm, written in Python*
    - Introduced and optimized memoization of visited paths
    - Utilized phased design from imperative to OOP
- Speed Pong – *Fast-paced take on the classic Pong game, written in JavaScript*
    - Leveraged JavaScript standard practices including ES6, Webpack, and Mocha tests
    - Applied collision detection and physics simulation
    - Created GUI using the Canvas API

Language Curriculum Developer, Grupo Avanza
Murcia, Spain — 2013-2014

- Co-designed new, extended curriculum and led its implementation within the company
- Significantly increased student achievement and return rate

SKILLS

Python

NLTK, Pandas, Jupyter, Unittests, Django

JavaScript

Node, Webpack, Mocha, Chai, React, Redux

- **Algorithms**
- **Git**
- **Linux Development**
- **Hardware Installation**

Spanish – Fluent

Tutor, Translator

EDUCATION

Recurse Center

Computer Programming

Allegheny College, BA

Spanish Language and Translation

Middlebury College

School of Spanish

Center for Cross-Cultural Study

Spanish Studies