

Reed Dunkle

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EXPERIENCE

Programmer, Recurse Center

New York, NY — Spring 2016

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

Personal Projects

- [Backtrack Robot](#) – A path-finding program using the backtracking algorithm, written in Python
 - Introduced and optimized memoization of failed paths
 - Initially wrote loose imperative design, then refactored code into an OOP design
- [Hacker News Article Topics](#) – A script that extracts keyword and topic models from articles, written in Python
 - Created script to scrape articles and clean text in preparation for natural language processing
 - Designed keyword model using NLTK collocations and a topic model using the latent Dirichlet allocation
- [Speed Pong](#) – A fast-paced take on the classic Pong game, written in JavaScript
 - Learned the basics of standard JavaScript practices including ES6, Webpack, and Mocha tests
 - Used the Canvas API, wrote collision detection and physics simulations

Profesor de Inglés, IES Marqués de los Velez

Murcia, Spain — 2013-2014

- Independently organized an after-school study group with students, which led to a week-long, in-school discussion about civil rights issues across the globe
- Researched improved teaching materials and compiled a digital resource record for the department

Director de Inglés, Grupo Avanza

Murcia, Spain — 2013-2014

- Earned the loyalty and trust of students by devoting myself to their improvement, increasing their achievement and return rate
- Co-designed new, extended curriculum for children and oversaw training the company's new teachers to use it

SKILLS

Spanish – Fluent

Tutor, Translator

Python

NLTK, Pandas, Jupyter, Nose, Flask

JavaScript

Node, Webpack, Mocha, Chai,
React, Redux

• Git

• Linux Development

• Troubleshooting

• Hardware Installation

EDUCATION

Recurse Center

Computer Programming

Allegheny College, BA

Spanish Language and Translation

La Vieja Herida:

*Un Estudio de la Traducción a través
de Armando Rojas Guardia*

Middlebury College

School of Spanish

Center for Cross-Cultural Study

Spanish Language
