

# Daniel Rigberg

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<https://github.com/drigrberg>

## Experience

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**Software Developer at Greenhome** — Oct 2018 to present

- **Full-stack development** — work on microservice app with Node.js, Typescript, React, Postgres, RabbitMQ

**Software Developer at Dimebox B.V.** — Apr 2017 to Sep 2018

- **High-Security Environment** — wrote and tested PCI-compliant code for processing transactions
- **Agile/Scrum** — daily standups, weekly grooming and planning sessions, biweekly retrospectives
- **Notable Projects**
  - Built 3<sup>rd</sup>-party payment processor integrations
  - Implemented caching layer with Redis for API
  - Implemented persistence layer between application and MongoDB
  - Used versioning for customer objects to meet GDPR requirements while allowing transactions to access historical copies of customer data
  - Introduced streaming across application to prevent call stack overflow, excessive memory usage
- **Common Tasks** — CRON jobs, CLI tools, database migrations, UI bug fixes, minor UI features
- **Dungeon Master** — founded Dimebox DnD, ran biweekly sessions after work

**Independent Study at the Recurse Center** — Nov 2016 to Mar 2017

- **Full-time self-guided study** — honed fundamental skills in JavaScript, Node.js, design patterns, Python, algorithms, web sockets, P5.js, D3.js, and AWS
- **Pair programming** — paired with other Recursers on a variety of large projects in JS and Python

**Back-End Developer and Data Integrity Specialist at Nestio** — Aug 2015 to Sep 2016 — Python/Django

- **Redesigned and automated data-related tasks** — wrote Python scripts and CRON jobs to verify stale data & diagnose and correct data corrupted by errors in legacy codebase

## Hobby Projects

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**Penguin Defender** — Typescript, Node.js — [https://github.com/drigrberg/penguin\\_defender](https://github.com/drigrberg/penguin_defender) — Fall 2018

**Go Gomoku** — Go — [https://github.com/drigrberg/go\\_gomoku](https://github.com/drigrberg/go_gomoku) — Spring 2018

**Analytics 2 Sheets** — Node.js, Electron, React — <https://github.com/drigrberg/GoogleAnalyticsToSheets> — Fall 2017

## Skills

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**Coding languages/frameworks:** Node.JS, Typescript, React/Redux, Angular, Python, Go

**Tools:** MongoDB, Postgres, Redis, Git, Docker, Vagrant, AWS, Mocha JS

**Languages:** Fluent in English, conversational in Spanish, barely conversational in Greek

**Interests:** Short story writing, surfing, cooking, hiking, scuba diving, playing guitar, reading

## Education

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**Yale University, New Haven, CT**

- **Bachelor of Arts, Intensive Music Major** — concentration in composition — May 2015
- **Abraham Beekman Cox Prize winner** — awarded to the most promising and gifted composer of the junior class of Yale College — Spring 2015