

# Daniel Rigberg (Nationality: United States)

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Github: <https://github.com/drigberg>

## Experience

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### Software Developer at Lone Rooftop — Dec 2018 to present

- Stack: Python, AWS, Docker, Tornado, React
- High-Security Environment — followed least privilege principle to handle sensitive client occupancy data
- Notable Projects
  - Added websocket versions of existing http routes, providing new data whenever available after initial response
  - Integrated new occupancy sensors, acted as main point of contact for partnership
  - Managed AWS resources using Cloudformation
  - Extended React app for managing floor plans: added support for zones from multiple occupancy data sources
  - Integrated calendar events with Microsoft Exchange using batch request API
  - Automated documentation generation pipeline using AWS Gateway, Lambda, and Codebuild
  - Implemented parallel thread-safe operations to internal AWS role manager app, written in Swift
  - Handled routine on-call duty for client errors and requests

### Freelance Software Developer at Greenhome — Oct 2018 to Dec 2018

- Full-time remote work
- Stack: Node.js, Typescript, React, Postgres
- Built microservice for importing over 100GB of historical building records, streaming objects to database
- Aided in redesigning microservice architecture to reduce latency

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

- Stack: Node.js, MongoDB, Angular, Redis
- 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 3rd-party payment processor integrations
  - 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 and 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

## Skills

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**Programming:** Python, Node.JS, JavaScript, AWS, Docker, React, Angular, Django, HTML/CSS, Git, OpenSCAD

**Other related:** Statistics, Calculus

**Languages:** Fluent in English, Conversational in Spanish

**Interests:** Reading, scuba-diving, traveling, song-writing, hiking, acoustic guitar

## 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