


# Raphael Deem

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## LINKS

 rOfIs

 Raphael Deem

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## SKILLS

### PROGRAMMING

Over 5000 lines:

Python • Javascript

Over 1000 lines:

C • CSS • Android • Java  
MySQL • PostgreSQL •  $\LaTeX$

Familiar:

BASH • Ruby • PHP • C++

Go • Clojure

## EDUCATION

### REED COLLEGE

BA IN MATHEMATICS

May 2010 | Portland, OR

Produced thesis covering error-correcting codes used in communications engineering.

### DE LA SALLE

NORTH CATHOLIC

May 2005 | Portland, OR

Funded tuition for four years by participating in an experimental, immersive work study program. First graduating class.

## COURSEWORK

### UNDERGRADUATE

Information Retrieval

Operating Systems

Artificial Intelligence + Practicum

Functional Programming

Computer Graphics + Practicum

(Teaching Asst)

Unix Tools and Scripting

## OBJECTIVE

Self-taught python programmer with over 5 years of experience. Django user, MVC advocate. Enjoy working with Git, databases, writing and scheduling bash scripts, and using new technology. Interested in a position where I can use my programming skills to solve challenging problems, ideally working on a new or core product.

## EXPERIENCE

### SELLERENGINE SOFTWARE | AUTOMATION ENGINEER

Mar 2015 - Present | Portland, OR

- Automated daily sales uploads to our accounting system, using Python, C and Linux Upstart.
- Developed software to extract and process bi-weekly payroll data using Python and PostgreSQL.
- Wrote python programs to parse invoices and bank settlements.

### WEBCAPITAL | FOUNDER

Sep 2014 - Sep 2015 | Portland, OR

- Created custom CMS using Python and Django.
- Wrote and deployed python web scrapers to collect college data for Apply101.
- Produced python code to change prices of AirBnB listings.

### YOUR SUPPLY COMPANY | CTO

Aug 2014 - Sep 2015 | Portland, OR

- Designed and hosted website ([yoursupply.co](http://yoursupply.co)) using Apache, Linux and Bootstrap CSS.
- Wrote and deployed python scripts to scrape listing data from Amazon.

### HURON CONSULTING | SQL DEVELOPER

Oct 2013 - Aug 2014 | Lake Oswego, OR

- Implemented proprietary, SQL based, bolt-on software for healthcare information systems.

### DUNTHORPE MARKETING | DATA SPECIALIST

Mar 2013 - Oct 2013 | Portland, OR

- Automated weekly reporting on Salesforce metrics using Visual Basic and the Salesforce API.

### STREAM GLOBAL SERVICES | NETWORKING SPECIALIST

Oct 2011 - Mar 2013 | Beaverton, OR

- Used traceroute, ping, and other command line tools to troubleshoot issues with internet connectivity.

## SELECT OSS CONTRIBUTIONS

2015	Agate	Open source data visualisation library written in Python.
2015	Zulip	Dropbox owned, open source Slack alternative.
2015	NumPy	Mathematical computing for Python.
2015	SciPy	Scientific computing for Python.