


# Raphael Deem

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## LINKS

 rOfIs

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## SKILLS

### PROGRAMMING

Over 5000 lines:

Python

Over 1000 lines:

JavaScript • C • CSS

SQL • Android • Java •  $\text{\LaTeX}$

Familiar:

BASH • C++ • Ruby • PHP • R

## 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.

## COURSES

Math: Complex Analysis, Real Analysis, Advanced Probability, Abstract Algebra, Ordinary Differential Equations

Physics: 100 (*Teaching Asst*), 200, Electrodynamics

Economics: Advanced Micro, Advanced Macro, Advanced Econometrics

Computer Science: Intro

Other: Robotics competition

## OBJECTIVE

Self-taught python programmer with over 5 years of experience. Seeking a software engineering position, ideally working on a new or core product.

## EXPERIENCE

### SELLERENGINE SOFTWARE | AUTOMATION ENGINEER

Mar 2015 - Present | Portland, OR

- Automated daily upload of sales and return data 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.
- Collected leads using web scraping; namely, lawyers, and other professionals, with no websites.
- 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 AND OTHER

2016	Djstripe	Stripe integration for Django.
2015	71 <sup>st</sup> /708	HackerRank Real Data Contest
2015	Agate	Open source data visualisation library written in Python.
2015	Zulip	Dropbox owned, open source Slack alternative.