


# 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

## EXPERIENCE

### SELLERENGINE SOFTWARE | AUTOMATION ENGINEER

Mar 2015 - Present | Portland, OR

- Automated daily sales uploads to our accounting system.
- Developed software to extract and process bi-weekly payroll data.
- Wrote python programs to parse invoices and bank settlements.
- Produced python code to change prices of AirBnB listings.

### WEBCAPITAL | FOUNDER

Sep 2014 - Sep 2015 | Portland, OR

- Created custom CMS using Python and Django.
- Made web scrapers to collect college data for Apply101.

### YOUR SUPPLY COMPANY | CTO

Aug 2014 - Sep 2015 | Portland, OR

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

### 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.

### STREAM GLOBAL SERVICES | NETWORKING SPECIALIST

Jan 2013 - May 2013 | Beaverton, OR

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

## PROJECTS

2014	top 52/2500	KPCB Engineering Fellow
2014	1 <sup>st</sup> /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 <sup>th</sup> /120	CS 3410 Cache Race Bot Tournament
2012	2 <sup>nd</sup> /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist