Raphael Deem

raphael.deem@gmail.com | 503.740.8347

LINKS

- r0fls
- Raphael Deem
- r0fls

SKILLS

PROGRAMMING

Over 5000 lines:
Python
Over 1000 lines:
JavaScript • C • C++ • Go
CSS • Android • SQL • Java
Familiar:
BASH • 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

PLATFORM.SH | Python Engineer

May 2016 - Present | Paris, FR | Remote

- Wrote python script to deploy high-availability enterprise clusters from basic config file, using Fabric and Mako templates. This process was previously handled manually by a DevOps specialist.
- Deploy AWS clusters for enterprise customers using the above script.
- Added SMTP information to our standard product's environment variables, to allow sending email using applications other than the sendmail utility.
- Wrote a bash script to automate the deployment of existing Wordpress sites to our PaaS.

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.
- Automated monthly inventory valuation and upload of the corresponding journal entry to our accounting system, using Python, PostgreSQL and Linux Upstart.
- Developed software to extract and process bi-weekly payroll data using Python and PostgreSQL.

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, without websites.
- Wrote and deployed python web scrapers to collect college data for Apply101.

YOUR SUPPLY COMPANY | CTO

Aug 2014 – Sep 2015 | Portland, OR

- Designed and hosted website (**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 heathcare 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.