

JON SIMS

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TECHNICAL SKILLS

Computer Languages (in order of experience)	Python, SQL, PL/SQL, Java, C/C++, Bash, Haskell, Prolog, HTML/CSS, Assembly, Common Lisp, Batch
Databases	Oracle Database 12c, MySQL
Other Technologies	Oracle Peopletools 8.53, Enterprise Linux Systems (Debian, Fedora, Ubuntu), SVN

EXPERIENCE

University of Puget Sound <i>Junior Database Analyst</i>	September 2013 – May 2014 <i>Tacoma, WA</i>
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- I am a work study student working with the university's databases to replace their legacy db structure with the newer Oracle Database 12c and Oracle Peopletools.
- I designed queries and views in PL/SQL for various academic and financial departments.
- Initially, I worked as part of the "Optimize Team", but we've now moved onto the "Maximize" phase. Same job and work, but slightly different titles.
- I will not be working in the summer of 2014, but will most likely resume my position in the fall when school resumes.
- Ive successfully replaced many legacy reports with Peoplesoft queries.
- I work under the senior developers who build the universitys SQL database in the first place, thus have picked up a foundational understanding on the operation of databases and general SQL.

Risk Technology Solutions <i>Junior Linux Systems Administrator</i>	June 2013 – August 2013 <i>Charlotte, NC</i>
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- I installed several programs onto their servers for the purpose of analyzing stock positions and portfolios.
- Risktech writes customized software for individual firms based on their market analysis needs. Rather than rewriting redundant code for similar problems, they want to look into an open source platform on which to write customized software.
- My role was to install and test the Opengamma platform for them in order to achieve an open source solution.
- I analysed the potential costs and benefits of developing atop Opengamma .
- I also began the reconstruction of a corrupted Oracle database.

Freelance Web Developer Hinsdale, Il December 2012, June 2014 My uncle needed a website to show off his restaurant to the world. I wrote the websites code and got it hosted for him. It existed at tomsgrill.com, but has since been deactivated as he sold the restaurant earlier this year. In addition, I recently set up an apache2 webserver for my home server at the address jonsims.me. Finally, I am currently designing a website at jwalking.biz for another client.

Self-employed <i>Freelance Web Developer</i>	December 2012 – Present <i>Clarendon Hills, IL</i>
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- In 2012, my uncle needed a website to show off his restaurant to the world. I wrote the websites code and set up its hosting. It existed at tomsgrill.com, but has since been deactivated as he sold the restaurant earlier this year.
- I set up an apache2 webserver for my home server at the address jonsims.me

- I am designing a website now at jwalking.biz for another client.

EDUCATION

University of Puget Sound

Tacoma, WA

August 2013 – June 2016

B.S. in Computer Science & Mathematics (double major)

Honors program

3.67 GPA in major

I am currently a sophomore, but will have enough credits to be considered a junior by the fall.

INTERESTS

Association for Computing Machinery

August 2013 – Present

Project Organizer

University of Puget Sound

- Ive participated in this club through a couple of projects since the beginning of the school year.
- In the first semester, we helped each other master the language Python and put on a hackathon.
- This past semester, weve begun work on an IOS/Android app, LoggerBytes, which queries the universitys database for how many dining dollars a student has left.
- Weve also constructed a pseudosupercomputer, which can successfully run programs in parallel, out of several raspberry pi computers.
- This fall, I will be taking on a leadership position in the club as the project organizer

Puget Sound Outdoors

August 2013 – Present

Project Organizer

University of Puget Sound

- Ive taken several day hikes and spelunking trips with the club, and will be taking on a leadership position next fall.
- Currently, I am WFA certified, and next fall, I will take the clubs OLE leadership course.