

Paul Dino Jones

West Chester, PA

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SUMMARY

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<https://raw.githubusercontent.com/ZitZ/resume/master/resume.md>

Experienced and talented professional developer with a wealth of knowledge in modern best practices. Currently specializing in Insurance and Financial applications. Strong knowledge of C#/VB DotNet, C/C++, Python, Java, Linux, and Relational Databases.

WORK EXPERIENCE

IPipeline (Exton, PA) 2013-present

Senior Actuarial Developer, 2015 - current

- ▶ Became team technical leader for difficult technical decisions and problems
- ▶ Consulted on system performance issues and implemented changes which improved calculation system time by up to 33%
- ▶ Worked on new carrier implementations of Illustration systems
- ▶ Traveled on-site to new carrier to gather requirements
- ▶ Developed automated testing tools to test accuracy of customer actuarial calculations
- ▶ Developed coding standards for use across team
- ▶ Led documentation efforts of code base, practices, and tools

Associate Actuarial Developer, 2013-2015

- ▶ Maintained legacy carrier desktop Illustration systems in C++
- ▶ Maintained current SaaS carrier illustration systems
- ▶ Developed new e-signature solution

AFL Insurance

Actuarial Student, 2012-2013

- ▶ Performed extensive study of policy reserves and liabilities on paid-up policies for corporate actuarial
- ▶ Studied IBNR fluctuations as well as claims closed but not reported
- ▶ Worked with IT to improve data reporting accuracy of AS/400 based system

HDE Corporation

Programmer, 2010-2012

- ▶ Mirrored sales and shipping data into larger high-access MySQL database for long term storage and reporting
- ▶ Created script to perform syncing of Microsoft SQL database to MySQL
- ▶ Created databases and applications for Inventory, Shipments, Returns, Accounting and Sales
- ▶ Created batch scripts with cron jobs to load new shipments into database from ftp
- ▶ Created automated on-demand reporting php based sites
- ▶ Created Paypal integration for sales team for bulk sales
- ▶ Created integration scripts to automatically load saved weights from inventory system back into the shipping system

EDUCATION

Lehigh University (Bethlehem, PA)

B.S. in Economics, May 2010

- Minor Actuarial Science
- Exams P/FM, all VEE

SIDE PROJECTS

Maintains home-lab network with 2U server and custom-built 1U router

Experiments in penetration testing, encryption, and cyber security

Uses python “zipline” backtesting api to develop quantitative stock market algorithms

Runs in-house and public websites (personal cloud and email server)

SKILLS

SQL database design and efficient querying

C#, C/C++, Shell, Java, Python in order of familiarity

Long Time Linux Super User

Understands secure system administration and networking practices

Can configure many different web server software setups