Tung T. **Phung**

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Management and strategy oriented career-track with focus on data and analytics skillset to solve challenging real-world implementation scenarios. Current with current data analysis frameworks using tools such as Python, Anaconda, and Pandas. CISA candidate.

Education

University of Virginia, School of Engineering and Applied Science	*Charlottesville, VA*
B.S. in Chemical Engineering	*Aug. 2005 - May 2009*

- Biotechnology Concentration and actively involved in American Institute of Chemical Engineers UVA Student Chapter as Webmaster

George Mason University, College of Science	*Fairfax, VA*
M.S. Candidate for Bioinformatics and Computational Biology	*Jan. 2011 - 2013*

- Completed coursework all coursework necessary as M.S. Candidate

Experience

Operations Manager and Technology Officer	*Falls Church, VA*
Healthy Smiles Dental	*Jun. 2009 - Nov. 2017*

- Managed a medium-sized (around 20 employees) dental practice – duties included interviewing, hiring, and eventual management of employees constituting the bulk of HR duties within office
- Developed and deployed policies to increase efficiency of operations workflow
- Developed and enforced policies regarding OSHA, HIPAA, PCI Compliance standards
- Made purchasing and acquisition decisions for IT solutions including computer server systems, HIPAA-compliant cloud solutions, and physical firewall/router solutions

Independent Undergraduate Researcher	*Charlottesville, VA*
University of Virginia, Biology Department	*Summer 2008*

- Modified a current mathematical circadian rhythm model in the XPPAUT and MATLAB environment in conjunction with research by Dr. Robert Kretsinger

Independent Undergraduate Researcher	*Charlottesville, VA*
University of Virginia, Chemical Engineering Department	*Summer 2007*

- Assisted in the design of the bioengineering portion of an upcoming 4th year lab course for chemical engineer undergraduates at the University of Virginia.
- Developed experimental guidelines for laboratory course
- Established advanced knowledge of small scale bioreactors
- Cross-trained in use of AKTA Purification Systems

Systems Experience

Certifications

Certified Information Systems Auditor (CISA) - Examination Passed	*Dec. 2017*

Hardware

Windows, Linux, Mac OS X Environment

General Tools

- Microsoft Office Suite(Word, Excel, PowerPoint, Visio) - **Expert**
- Git Version Control – **Expert**

Development Languages

Proficiency

- Python – **Expert**
- Jupyter\Jupyter Notebook - **Expert**
- Latex – **Proficient**
- Java – **Proficient**
- MATLAB – **Proficient**
- R - **Proficient**
- Perl - **Proficient**

Data Analysis Packages

Packages within development frameworks oriented towards Data Analysis

- Anaconda/Conda - **Expert**
- Pandas - **Expert**
- Plotly - **Expert**
- Cufflinks - **Expert**
- Matplotlib - **Expert**
- Seaborn - **Expert**

Professional Memberships

Information Systems Audit and Control Association (ISACA)

Member   *Dec. 2017 - PRESENT*