

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

Systems Experience

Certifications

CERTIFIED INFORMATION SYSTEMS AUDITOR (CISA) - EXAMINATION PASSED

Dec. 2017

Hardware

WINDOWS, LINUX, MAC OS X ENVIRONMENT

Development Languages

PROFICIENCY

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

General Tools

GENERAL PURPOSE WORKPLACE SOFTWARE

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

Data Analysis Packages

PACKAGES WITHIN DEVELOPMENT FRAMEWORKS ORIENTED TOWARDS DATA ANALYSIS

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

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

Professional Memberships

Information Systems Audit and Control Association (ISACA)

MEMBER

Dec. 2017 - PRESENT