

# Tung Thanh Phung

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U.S. Citizen

## Address:

22955 Rock Hill Rd.

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## EDUCATION

UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING AND APPLIED SCIENCE  
B.S. Chemical Engineering with Biotechnology Concentration

Charlottesville, VA  
May, 2009

GEORGE MASON UNIVERSITY, COLLEGE OF SCIENCE  
M.S. Bioinformatics and Computational Biology

Fairfax, VA  
December 2015 (Expected)

## WORK EXPERIENCE

FAMILY AND COSMETIC DENTISTRY

August 2010 - Present

### Office Manager

Falls Church, VA

Manage staff, patients, and all associated tasks with the successful operation of a dental office

AMEN CLINICS

January 2011 – April 2011

### Independent Graduate Researcher

Reston, VA

Statistical analysis of connection between ADD/ADHD and nicotine use using SPECT brain scans

UNIVERSITY OF VIRGINIA DEPARTMENT OF BIOLOGY

August 2008 – Present

### Independent Undergraduate Researcher

Charlottesville, VA

Modifying a current mathematical circadian rhythm model in the XPPAUT and MATLAB environment in conjunction with current research.

HUMANGEN FERTILITY DIAGNOSTICS

Charlottesville, VA

### Production Technician

May – August 2008

Manufactured micropipets used for in vitro fertilization

UNIVERSITY OF VIRGINIA DEPARTMENT OF CHEMICAL ENGINEERING

May – August 2007

### Undergraduate Researcher

Charlottesville, VA

Assisted in the design of the bioengineering portion of an upcoming 4<sup>th</sup> 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

## COMPUTER SKILLS

- Operating Systems - Microsoft Windows, Linux Environment
- Programming – HTML, Java, MATLAB
- Software Applications – Microsoft Office Suite (Word, Excel, PowerPoint), MathCAD, MATLAB, Aspen Plus, ProSim, XPPAUT, Perl, R, Python

## PROFESSIONAL MEMBERSHIPS

American Institute of Chemical Engineers (AIChE) Local Chapter – **Webmaster**

## ACHIEVEMENT AND HONORS

Boy Scouts of America – **Eagle Scout**

Golden Key Honor Society - **Member**