

Devin Luu

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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN

BS IN PHYSICS

BS IN MATH

Expected Grad Dec 2017| Austin, TX

SKILLS

SOFTWARE

Wolfram Mathematica • Matlab • LaTeX •
Python 2.7 and 3.5 • Microsoft Office •
Unix

PROGRAMMING

Python (including numpy and scipy
packages) • TWL • SQL

LANGUAGES

English • Vietnamese •
Spanish (intermediate)

RELEVANT

COURSEWORK

PHYSICS AND MATHEMATICS

Thermodynamics and Statistical Dynamics

- Electronic Techniques
- Classical Electrodynamics
- Math Modeling for Scientist and Engineers

RESEARCH EXPERIENCE

RESEARCH ASSISTANT | CENTER FOR COMPLEX QUANTUM SYSTEMS

August 2016 to Present| Linda Reichl, Ph. D, Yingyue Boretz, Ph. D

- Constructed models of Hamiltonian dynamics.
- Debugged code on Mathematica and Python.
- Participate in group brainstorming/problem-solving meetings.

RESEARCH INTERN | EXPERIMENTELLE PHYSIK II

May 2016 to July 2016| Mattias Bode, Ph. D, Mattias Voigt, MS

- Investigated semiconductor materials under Scanning-Tunneling Microscopy.
- Analyzed topographical structure of Graphene.
- Submitted and presented findings weekly to peer review.

RESEARCH INTERN | NUCLEAR MAGNETIC RESONANCE GROUP

August 2014 to January 2015| John Markert, Ph. D, Daniel Tennent, MS

- Performed Electron Beam Physical Vapor Deposition and maintained related equipment.
- Assisted primary researchers with design, manufacturing, and maintenance of experimental devices.

PROFESSIONAL EXPERIENCE

FAMILY PRACTICE MEDICAL TECHNICIAN | TEAM LEADER FOR

GENERAL FAMILY PRACTICE CLINIC.

2012 to 2013| Camp Pendleton, CA

- Led team of 12 medical staff members to enhance patient care. Acknowledged for top customer service in the department.
- Conducted telephone triage and consultations in partnership with Registered Nurses, and Medical Practitioners.

HUMAN RESOURCE ASSOCIATE | ADMINISTRATIVE DUTIES FOR

NAVAL HOSPITAL CAMP PENDLETON

2011 to 2012| Camp Pendleton, CA

- Drafted and routed classified correspondence to the U.S. Navy Bureau of Medicine and Surgery, Navy Medicine West, and Navy Personnel Command.
- Tracked manpower and logistics for all departments in the Hospital.

FIELD MEDICAL TECHNICIAN | INFANTRY MEDIC FOR USMC

2010 to 2011| Nawa Region, Afghanistan

- Interacted with tribal leaders to promote good will among rival groups and improve U.S. - Afghan relations.
- Oversaw medical care and preventative treatments for 20 Marines and Sailors and 8 Afghani Local Police.
- Provided much needed medical treatment to the local populace.

RANGE SAFETY SUPERVISOR | HEALTH AND SAFETY OFFICER FOR

MARINE CORPS. SCHOOL OF INFANTRY

2009 to 2010| Kaneohe Bay, HI

- Responsible for the health and safety of 190 Marines on various training exercises that include small arms fire, explosives, and long distance foot patrolling.