

Victor E. Tiger

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Hays, KS 67601

785-628-4000
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EDUCATION

Bachelor of Science in Physics, May 2015

Minor: **Mathematics**

Fort Hays State University, Hays, KS

GPA: 3.71 on 4.0 scale

Associate of Science in Pre-Engineering, May 2013

Barton County Community College, Great Bend, KS

QUALIFICATIONS

- Bilingual in Spanish and English including grammatical skills.
- Performed experiments in Magneto-optic effect and Michelson Interferometer.
- Computer experience with Microsoft Word, Excel, Power Point and C++ Programming Language.
- Experienced in latex documents.

RELEVANT COURSEWORK

- Quantum Mechanics
- Thermal Physics
- Descriptive Astronomy
- Classical Mechanics
- Linear Algebra
- Electricity and Magnetism

EMPLOYMENT EXPERIENCE

Supplemental Instructor/Tutor, August 2014 to Present

Math Department, Fort Hays State University, Hays KS

Physics Department, Fort Hays State University, Hays, KS

- Provide group instruction to math students
- Act as liaison between teacher and instructor
- Conduct open physics and math sessions in the evenings
- Improve interpersonal skills

IRC Lab Assistant, August 2013 to May 2014

Instructional Resource Center, Fort Hays State University, Hays KS

- Maintained and supervised computer lab
- Provided students with computer knowledge

Resident Assistant, August 2012 to May 2013

Residential Life, Barton County Community College, Great Bend, KS

HONORS AND ACTIVITIES

- President's Honor Roll
- Dean's Honor Roll
- Hispanic American Leadership Organization
- Physics Club
- Phi theta kappa
- Omicron delta kappa

Tom Hayes

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Hays, KS 67601

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OBJECTIVE

Apply an aptitude and talent for design and fabrication to an organization that values teamwork, encourages innovation, and rewards success.

EDUCATION

Bachelor of Science in Physics, May 2015

Minor: **Mathematics**

Overall GPA: 3.4/4.0

Fort Hays State University, Hays, KS

RESEARCH EXPERIENCE

Student Research, August 2014-Present

Fort Hays State University Physics Department, Hays, KS

- In collaboration with NASA, worked with a team of 6 other members to construct an 8 foot sounding rocket with SERI Rocket Program
- Recognized by NASA for having the first successful non-pyrotechnic recovery system to deploy
- Designed and constructed rocket's payload and recovery systems from scratch
- Worked with Rocksim to simulate and predict the trajectory of the rocket
- Gathered and analyzed trajectory data from the flight

Student Research, January 2014-May 2014

Fort Hays State University, Hays, KS

- Worked with three other group members to explore physics through experimentation
- Experiments included Electron Spin Resonance, Milikan Oil Drop, Spectral Analysis, Calculating Earth's Magnetic Field, and Super Conductivity
- Kept a thorough day-by-day Lab Notebook for each experiment performed
- Wrote professional lab reports to describe the research done and the results found

WORK EXPERIENCE

Supervisor, December 2012-Present

Bath & Body Works, Hays, KS

Mechanics Assistant, Summer 2008-2012

R&R Remodeling and Construction, Hays, KS

AWARDS/ACTIVITIES

Eagle Scout Award

Dean's Honor Roll

COMPUTER SKILLS

Excel, Word, PowerPoint, Maple, Direct Math

Neil Copper

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Ellis, KS 67637

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CAREER OBJECTIVE

To obtain a position in Physics or a related field that will utilize my educational background and experience.

EDUCATION

Bachelor of Science in Physics, May 2015

Minor: **Mathematics**

Fort Hays State University, Hays, KS

Diploma and Credentials in Electronics Technology, July 2011

Northwest Area Vocational Technical School, Goodland, KS

SUMMARY OF QUALIFICATIONS

- Experienced in advanced electronics including Digital and Micro processing, Electronic Fabrication, Optical electronics, Fiber Optics, and Measurement Engineering.
- Strong background in computers, mathematics, and physics. Coursework included: analog and digital electronics, atomic physics, mechanics, electricity and magnetism, optics, and thermal physics.
- Performed experiments in Magneto-optic effect and Michelson Interferometer.
- Experienced in LabVIEW graphical programming, Cisco Systems, and Lock-in amplifiers.
- Excellent teamwork, leadership, and communication skills.

EMPLOYMENT EXPERIENCE

Quality Assurance Technician, August 2011-Present

ENERSYS, Battery Manufacturing Plant, Hays, KS

- Conducted evaluations, analyzed materials, products, and processes using Quality techniques and procedures
- Conducted advanced statistical evaluations to ensure conformance to engineering and manufacturing standards.
- Performed internal Quality System audits to ensure conformance with ISO 9000 requirements.
- Conducted calibrations for electrical and mechanical test and measurement equipment.
- Maintained calibration standards and records.

Electrical Technician, January 2011-August 2011

DON'S ELECTRIC, Goodland, KS

Machine Operator, February 2009- December 2010

LOVE BOX COMPANY, Goodland, KS

MILITARY EXPERIENCE

Crew Chief-Blackhawk Helicopter, February 2008-December 2013

KANSAS ARMY NATIONAL GUARD, Salina, KS

REFERENCES

Available upon request