

Nick L. Copernicus

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OBJECTIVE To obtain a Research Engineering/Scientist Associate I position as a telescope operator at the McDonald Observatory

EDUCATION

Bachelor of Science, Astronomy

Bachelor of Science, Physics

The University of Kansas, December 20xx

- Cumulative GPA: 3.4 Major GPA: 3.6

COURSEWORK: Physical Astronomy, Stellar Astronomy, Galactic & Extra Galactic Astronomy, Astrophysics I & II, Electricity & Magnetism, Mathematical Physics, Quantum Mechanics, Thermal Physics, Applied Partial Differential Equations

HONORS:

- **Tombaugh Summer Research Fellowship**, offered by the Tombaugh Observatory to an outstanding undergraduate
- **Prosser Award from the Physics Department** for exceptional academic accomplishments

EXPERIENCE

Research Assistant, Dr. Anthony-Twarog, Spring 20xx- Present

Physics Department, University of Kansas, Lawrence, KS

- Perform an analysis of HST Stromgren data of the Large Magellanic Cloud
- Assist with the development and application of a new filter for the Stromgren photometric system, as well as the CCD study of open clusters with intermediate-band photometry to map out the abundance gradient within the galactic disk

Summer Intern, Space Telescope Science Institute, Summer 20xx

John Hopkins University, Baltimore MD

- Engaged in one-on-one interaction with a scientist working at the Institute
- Studies varied from our own solar system, interacting binary stars, to quasars at the edge of the universe
- Gained familiarity with the Hubble Space Telescope mission and research resources at the Institute
- Gathered, reduced, and interpreted data
- Presented summer research at an informal symposium of peers and mentors

COMPUTER SKILLS

- Advanced programming with C, C++ and Fortran in a UNIX environment
- Intermediate programming with Prolog, Lisp and Java
- HTML, Dreamweaver 4, Microsoft Word, Internet Explorer, Excel

ACTIVITIES

Astronomy Associates of Lawrence, President, 20xx

Northeast Kansas Amateur Astronomers League, Member, 20xx- Present

Poster presentations at the Undergraduate Research Symposium at KU, 20xx

Celestial Mechanic (Newsletter) Contribution: Talking about: Distances -- Spectroscopic Parallax-
Spring 20xx