

The [Small Bodies Node](#) (SBN) of NASA's Planetary Data System, based in the [Department of Astronomy](#) at the University of Maryland, College Park, is seeking a programmer with front-end or application development experience who would work with a larger group of planetary scientists and programmers. The Department of Astronomy includes a large number of planetary scientists working primarily on small bodies (comets and asteroids) and on dynamics, and with participants in a variety of missions including Rosetta and Lucy as well as many research projects (see <http://www.astro.umd.edu/rareas/>). The position is in support of the SBN archiving and oversight efforts.

The minimum requirements include an B.S. or B.A-level degree in computer science or a related field, proficiency in C or Python coding, and familiarity with UNIX, HTML, CSS, Java, & API interfaces. Experience with GUI development and/or database interfaces is also desired, as is some IT administrative experience. The ideal candidate will also work closely with programmers at the [Minor Planet Center](#) at the Center for Astrophysics, Cambridge, MA. A Master's level degree is preferred, but previous work experience will also be considered. Near-term tasks include developing a cross-identification database for all bodies represented in the archive, web tool or application development, and occasionally reporting to NASA. Some travel may be involved.

Interested applicants should send a cover letter, a complete resume, and a list of references to SBNjob18@astro.umd.edu. Applications received by **June 30, 2018** will receive full consideration. Salary is commensurate with experience.

The University of Maryland is an Affirmative Action, Equal Opportunity Employer. Women and Minorities are encouraged to apply.