

**The National Astronomical Observatory of Japan (NAOJ) invites
applications for a Senior Specialist (Software Engineer)
at the NAOJ ALMA Project (employment based on annual salary system)**

【Vacant post】

One Senior Specialist (employment based on annual salary system)

【Division】

NAOJ ALMA Project

【Duty Station】

2-21-1 Osawa, Mitaka, Tokyo, Japan

【Responsibilities】

- Carrying out the development, test, and maintenance of the control software for the correlator and spectrometer used or will be used with ALMA.
- Maintenance and testing of the monitor and control software for the ALMA telescopes.

【Term of Employment】

- Employment will start from the date as soon as reasonably possible after selection for the period of 3 years from the starting date (※1)
- Probation period: 6 months
 - ※1: In the final fiscal year of the employment, NAOJ will conduct a review on the amount of assigned work, the status of ongoing work, work skills, work performance, work attitudes, and the financial situation of the National Institutes of Natural Sciences (NINS) at the expiration of the term of employment. Based on the review results, the term of employment may be extended. (※2)
 - ※2: Note that the total period of employment from April 1, 2013 shall be within 10 years, if the person has been employed by NINS after April 1, 2013.

【Qualification Requirements】

An applicant must have knowledge and experience necessary to assume the responsibilities as mentioned above. In addition, the applicant should be qualified with the following items from 1 to 3.

1. To be proficient in the software development with C++ or Java.
2. To have ability to read and write technical documents in English and communicate in English.
3. To communicate with team members in Japanese.

Furthermore, it is desirable to fit in 2 items or more in the following items from 1 to 5.

1. To have experience of development, evaluation, and operation of any scientific instruments.
2. To have management experience of network, distributed computer environment, and UNIX computers.
3. To have software development experience on Linux.
4. To have experience in software development in teams.
5. To have experience in developing high-speed arithmetic processing programs using GPUs and CPU multi-cores.

【Working Hours】

- 5 days a week (Monday through Friday) with Saturday and Sunday off, national holidays, year-end and new year holidays (from December 29 through January 3 of the next year)
- From 8:30 am (start of working hours) to 17:15 (closing of working hours) including 60-min lunch break each day. The total working hours will be 38.75 hours a week.

【Compensation】

- Salary will be paid based on annual salary system. The annual salary range is roughly between 5,000,000 yen and 7,000,000 yen.
 - One-twelfth of the annual salary will be paid every month. The amount of annual salary is determined according to responsibilities of work, actual performance, and experience etc.
 - Salary will be reviewed every fiscal year according to the results of performance reviews.
- Commuting allowance (up to 55,000 yen / month)

- Health insurance (The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association), pension (employees' pension), employment insurance, and workers' compensation insurance provided.
 - Paid days off (annual leave, summer holidays, and bereavement leave, etc.)
 - Day-care center for children (from 57 days after birth). *Availability depends on the situation.
- *: Allowances are provided pursuant to the NINS internal rules and regulations.

【Selection】

A candidate will be selected through screening of application documents and interview.

【Application documents】

- (1) A curriculum vitae with a face photograph. If you have taken an exam that evaluates your English ability, such as TOEIC, specify the results.
- (2) A summary of past work experiences
- (3) A personal statement describing intentions for the applied position including related experience and achievements (in two pages of A4 sized paper)
- (4) Your e-mail address and phone number for prompt contact

【Application deadline】

Open until filled, but no later than Dec 26th, 2019, noon (JST)

【Submission to】

Director of the NAOJ ALMA Project, Alvaro Gonzalez

E-mail address: alma-yuki-application_AT_ao.ac.jp (replace _AT_ with @)

Application documents should be prepared in separate PDF files and sent to the e-mail address above.

Notes for applicants:

- Put "Application for Senior Specialist (Software Engineer)" in the subject line of your e-mail.
- Upon receipt of your application, you will receive a confirmation mail. If you do not receive any reply from NAOJ within three days except Saturday, Sunday, and holidays, please contact the e-mail address below.

【Contact】

(Inquiry about application)

NAOJ Personnel Unit of General Affairs Group, NAOJ Administration Department

TEL : 0422-34-4014

E-mail : apply-job_AT_ao.ac.jp (replace _AT_ with @)

(Inquiry about job details)

NAOJ ALMA Project, George Kosugi

E-mail : george.kosugi_AT_ao.ac.jp (replace _AT_ with @)

【Disclaimer】

- Information submitted in your application documents will be used only for any purpose other than the selection process and for contacting you with necessary notices in connection with the selection. Once the selection process is complete we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate.
- Applicants are responsible for their own costs required for this selection (e.g. travel expenses for interviews).

【Others】

- This position is not applicable to the debt-forgiveness program of the Japan Scholarship Foundation.
- Abiding by the Equal Employment Opportunity Act for Men and Women, NAOJ is committed to the realization of a society with gender equality. If candidates are deemed equal in their performance evaluation, NAOJ will take positive action to employ women. For details, see <http://open-info.nao.ac.jp/danjokyodo/>