BSC International Summer HPC Internship Programme is an international call with 8 to 16 intern positions in order to spend a maximum of 10 weeks within the summer period (from June to September). The programme wants to encourage students to start a research career in our multidisciplinary research center. The interns will carry out research in one of BSC’s departments (Computer Sciences, Computer Application in Science and Engineering, Earth Sciences and Life Sciences). The Severo Ochoa award funds this call.
• **Stipend:** 1.000€ gross salary per month (full time basis).
• **Mobility allowance:** For candidates who come from outside Barcelona: 350€ gross salary per month (BSC will not cover relocation expenses).
• **Working hours:** The positions can be part time or full time depending on the final candidatures.
• **Contract:** Compulsory to be able to do an agreement between BSC and the University (If you cannot provide this kind of document, please do not apply).

**Description**

Barcelona Supercomputing Center – Centro Nacional de Supercomputación (BSC-CNS) launches the 1st BSC International Summer HPC Internship Programme, thanks to the Seveo Ochoa award, we are looking for outstanding Undergraduate Students in order to conduct a summer research experience at the BSC-CNS. The main goal of this programme is to encourage students, from any nationality, in the path of a scientific career and to introduce them to an HPC environment.

From 8 to 16 internship positions will be awarded in 2019.

The Internships will take a maximum of 10 weeks, from June to September 2019.

**Eligibility criteria**

• Undergraduates with an excellent academic record and a strong interest in BSC fields of research.
• One full year of university degree completed.
• Candidates may not have received an Undergraduate Degree at the time of the Internship.
• High level of English.
• Highly motivated and willingness to work in an international multidisciplinary group.
• Availability to do a student agreement through your University.

**Application procedure**

All applications must be done in the HR Calls platform, please enter in the following link:

[HR Call BSC International Summer HPC Internship Programme](#)

Documents required for your application:

1. An updated CV.
2. 2 reference letters from the researchers/teachers with whom the intern worked/studied.
3. Cover letter, including motivation statement.
4. Answer the priority questions. (You have to choose your first, second and third option of BSC group where you would like to do your internship, please check the list of hosting groups below)

**Hosting groups**

CASE:
Geophysical Applications  
Physical and Numerical Modelling  
Quantic  
Natural Hazards and Risk Analysis  
Fusion

Computer Sciences:

Runtime Aware Architecture  
Computer Architecture Parallel Paradigms  
Programming Models  
High Performance Artificial Intelligence

Earth Sciences:

Computational Earth Sciences  
Atmospheric Composition

Life Sciences:

Computational Biology

**Recruitment process and calendar**

Call opens on the 13th of March 2019  
Deadline of applications 15th of April 2019  
Interviews from the 16th of April until the 30th of April  
Call results publication 1st week of May

Evaluation criteria:

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<tr>
<th>Criteria</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Academic record</td>
<td>20%</td>
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<tr>
<td>Interview</td>
<td>20%</td>
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<tr>
<td>Reference Letters</td>
<td>20%</td>
</tr>
<tr>
<td>Cover Letter</td>
<td>20%</td>
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Other qualifications (outreach activities, awards) 20%

Total 100%

Diversity and Equal Opportunity Employment

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

Do you need support?

**If you need further information, please send an email to rrhh@bsc.es**

Barcelona Supercomputing Center - Centro Nacional de Supercomputación