Institute for Computing in Research
Summer Research Internship Program
`https://computinginresearch.org/`

```
def calculate_path_length(city_list):
    """Calculates the full length of a path through a list of cities,
    including the return home from the last city on the list."""
    total_length = 0
    for i in range(len(city_list)-1):    ## iterate up to the second-last city
        c1 = city_list[i]
        c2 = city_list[i+1]
        length = distance(c1, c2)
```

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WHAT WE OFFER

We offer paid research internships for students in Santa Fe (NM) Portland (OR), Austin (TX), Socorro (NM), and New York City who are finishing 10th- 12th grade. We pay students a stipend so they can work full time on their research for 4 weeks: July 10-August 4 2023. Students are paired with a world class researcher who mentors them in this period.

ABOUT THE INSTITUTE

We are a consortium of scientists and students who develop advanced computing methods, deeply rooted in free/open-source software, applied to physical science, life science, social science, arts, and humanities. Our goal is to develop the best ways to train young students to do research.

STUDENTS:

We seek applicants from a broad range of backgrounds and interests. Please view our web materials and follow the instructions to apply. Note that the prerequisites listed on our web site must be satisfied well before the internship begins.

FACULTY:

Please refer your very motivated 10th, 11th, and 12th grade students for this summer's internship program.

Please apply at: `https://computinginresearch.org/`