# React

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Title: Faculty members- Engineering Faculty
Address: https://eng.basu.ac.ir/web/eng/ce-profs

## Main content:

```
import { useState } from "react"
import Card from "./Card"
function MainContent() {
  const data = [
    ("مهندسي کامپيوتر" :edu ( "مربي" ) edu ( "مهندسي کامپيوتر" )
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p p id=ir sain university people UniversityFacultyListPortlet&p p lifecy
cle=2&p p state=normal&p p mode=view&p p resource id=%2Funiversity people%2Fpe
rson image&p p cacheability=cacheLevelPage&_ir_sain_university_people_Universi
tyFacultyListPortlet_universityPersonImageId=1031389", name: " نرگس السادات
. { "بطحائيان
    , "مهندسی کامپیوتر" :edu , "مربی" :id: 2, role
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p_p_id=ir_sain_university_people_UniversityFacultyListPortlet&p p lifecy
cle=2&p_p_state=normal&p_p_mode=view&p_p_resource_id=%2Funiversity_people%2Fpe
rson_image&p_p_cacheability=cacheLevelPage&_ir_sain_university_people_Universi
نرگس السادات " tyFacultyListPortlet universityPersonImageId=1031389", name: "نرگس السادات
, { "بطحائيان
    ("مهندسی کامپیوتر" :edu رسی" عامپیوتر" (id: 3, role:
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p p id=ir sain university people UniversityFacultyListPortlet&p p lifecy
cle=2&p p state=normal&p p mode=view&p p resource id=%2Funiversity people%2Fpe
rson_image&p_p_cacheability=cacheLevelPage&_ir_sain_university_people_Universi
نرگس السادات " tyFacultyListPortlet universityPersonImageId=1031389", name: " نرگس السادات
, { "بطحائيان
    ("مهندسی کامپیوتر" :edu ر"مربی" :id: 4, role
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p_p_id=ir_sain_university_people_UniversityFacultyListPortlet&p_p_lifecy
cle=2&p_p_state=normal&p_p_mode=view&p_p_resource_id=%2Funiversity_people%2Fpe
rson image&p p cacheability=cacheLevelPage& ir sain university people Universi
نرگس السادات " tyFacultyListPortlet_universityPersonImageId=1031389", name: "نرگس السادات
ر { "بطحائيان
    ("مهندسي كامپيوتر" : edu: "مبيوتر", edu (امربي",
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p_p_id=ir_sain_university_people_UniversityFacultyListPortlet&p_p_lifecy
cle=2&p p state=normal&p p mode=view&p p resource id=%2Funiversity people%2Fpe
rson image&p p cacheability=cacheLevelPage& ir sain university people Universi
tyFacultyListPortlet_universityPersonImageId=1031389", name: "نرگس السادات
, { "بطحائيان
    , "مهندسی کامپیوتر" :edu , "مربی" :id: 6, role {
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p_p_id=ir_sain_university_people_UniversityFacultyListPortlet&p_p_lifecy
cle=2&p p state=normal&p p mode=view&p p resource id=%2Funiversity people%2Fpe
```

```
rson_image&p_p_cacheability=cacheLevelPage&_ir_sain_university_people_Universi
tyFacultyListPortlet_universityPersonImageId=1031389", name: " نرگس السادات
 ر { "بطحائيان
          ر"مهندسی کامپیوتر" :edu رسبی" عامپیوتر" (id: 7, role: "مربی"
pic:"https://intl.basu.ac.ir/web/eng/ce-
profs?p p id=ir sain university people UniversityFacultyListPortlet&p p lifecy
cle=2&p_p_state=normal&p_p_mode=view&p_p_resource_id=%2Funiversity_people%2Fpe
rson_image&p_p_cacheability=cacheLevelPage&_ir_sain_university_people_Universi
نرگس السادات " tyFacultyListPortlet universityPersonImageId=1031389", name: "نرگس السادات
 , { "بطحائيان
     const [inputValue, setInputValue] = useState("")
console.log(inputValue);
     const handleChangeInput = (e: React.ChangeEvent<HTMLInputElement>) =>
{setInputValue(e.target.value)}
     return (
          <div>
               <div className="flex gap-20 mt-4 md:flex-nowrap flex-wrap">
                     <div className="pr-8">
                          گروه آموزشی مهندسی کامپیونر<"h3 className="text-[24px] font-bold>
                          </h3>
                          hover:text-[#007ce5] text-sm">درباره گروه
                               hover:text-[#007ce5] text-sm">مدير گروه (/li>
                               hover:text-[#007ce5] text-sm">ميأت علمي 
                               hover:text-[#007ce5] text-sm">>کارشناسان گروه
                               hover:text-[#007ce5] text-sm">خرمینه های تحقیقاتی گروه (المحات) المحتود المحت
                               /li>اخبار و اطلاعیه ها<"hover:text-[#007ce5] text-sm/</li>
                               /li>افتخارات و جوايز<"hover:text-[#007ce5] text-sm/>
                               hover:text-[#007ce5] text-sm">دين المللي و بين المللي و بين المللي المل
                               انجمنهای علمی دانشجویی<"hover:text-[#007ce5] text-sm">انجمنهای علمی دانشجویی
                               hover:text-[#007ce5] text-sm">دانشجویان دکتری (ان
                               hover:text-[#007ce5] text-sm">محققان بسادكترى /\li>
```

```
/li>/ أزمايشگاه ها و كارگاه ها<"hover:text-[#007ce5] text-sm/
                         hover:text-[#007ce5] text-sm">خابان نامه ها المحادة ا
                         سمينارها و پايان نامه ها<"hover:text-[#007ce5] text-sm
                        ا/>سرفصل دروس
                         hover:text-[#007ce5] text-sm">دروس ارائه شده
                         /li>نقویم آموزشی<"hover:text-[#007ce5] text-sm</li>
                     </div>
                <div className=" pr-8">
                 اعضای هیاتعلمی<"h3 className="text-[24px] font-bold">اعضای
                 </h3>
<div className="flex items-center gap-4">
                 <input value={inputValue} onChange={handleChangeInput} type="text"</pre>
-className="bg-white outline-none shadow "جستوجو بر اساس نام یا نام خانوادگی"=placeholder
md w-72 px-4 py-2 rounded placeholder:text-xs" />
                 <button className="flex items-start justify-center gap-1 p-2 bg-</pre>
[#8b9bb6] hover:bg-[#59769b] text-white text-xs rounded">
                                                                  <svg xmlns="http://www.w3.org/2000/svg"</pre>
fill="none" viewBox="0 0 24 24" strokeWidth={1.5} stroke="currentColor"
className="size-5">
                                                                           <path strokeLinecap="round"</pre>
strokeLinejoin="round" d="m21 21-5.197-5.197m0 0A7.5 7.5 0 1 0 5.196 5.196a7.5
7.5 0 0 0 10.607 10.607Z" />
                                                                  </svg>
                                                                  <span>>جستوجو<span>
                                                          </button>
                                                          7 مجموع نتایج: 7
</div>
<div className="grid grid-cols-3 max-[1240px]:grid-cols-2 max-[840px]:grid-</pre>
cols-1 gap-x-8 gap-y-12 my-8 ml-4">
                                 {data.map(item => <Card key={item.id} name={item.name}
role={item.role} pic={item.pic} edu={item.edu}/>)}
                         </div>
                 </div>
            </div>
        </div>
```

#### export default MainContent

#### **Component Structure:**

• MainContent: A functional React component that serves as the main content of a webpage.

## **State Management:**

- useState: A React hook used to create the inputValue state variable, which holds the value entered in an input field.
- inputValue: The state variable that stores the current value of the input field.
- setInputValue: The function provided by useState to update the value of inputValue.

# **Data Handling:**

 data: An array of objects where each object represents a member of the educational staff, containing their id, role, educational background, profile picture URL, and name.

# **Event Handling:**

• handleChangeInput: A function that is triggered on input field changes. It takes an event object as an argument and updates inputValue with the current value of the input field.

# **UI Rendering:**

- The JSX returned by the component includes:
  - o A heading for the computer engineering department.
  - o A list of navigational links related to the department.
  - The input field with an onChange event listener attached to it, which calls handleChangeInput whenever the input value changes.

# header:

```
function Header() {
 return (
    <div className="bg-white p-8 relative shadow-2x1">
       <div className="absolute bg-white h-[9.188em] left-1/2 -translate-x-</pre>
1/2 top-0 pb-4">
       </div>
       <div className="flex items-center justify-between gap-4 w-full</pre>
[&>p]:hover:cursor-pointer border-b border-gray-300 flex-wrap">
           transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
               <span className="text-black text-xs font-semibold group-</pre>
</span>دانشگاه <" [#0a21b3] + hover:text
               <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                   <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
               </svg>
           transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
               <span className="text-black text-xs font-semibold group-</pre>
</span>أموزش<" [#0a21b3] hover:text-[#0a21b3]
               <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                   <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
               </svg>
           transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
               <span className="text-black text-xs font-semibold group-</pre>
/span>بِدُو هش <" [#0a21b3] hover:text-[#0a21b3]
               <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                   <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
               </svg>
```

```
transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
             <span className="text-black text-xs font-semibold group-</pre>
hover:text-[#0a21b3]"> دانشکده ها
             <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                 <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
             </svg>
          transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
             <span className="text-black text-xs font-semibold group-</pre>
/span>رفاهي <"[#0a21b3 - #0a21b3]</pre>
             <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                 <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
             </svg>
          transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3] group">
             <span className="text-black text-xs font-semibold group-</pre>
</span> >فوق برنامه <"[#0a21b3"> فوق برنامه
             <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-3">
                 <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="m19.5 8.25-7.5 7.5-7.5-7.5" />
             </svg>
          b-transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
/p>پایگاه خبری بسنا<" [#0a21b3 - hover: text - [#0a21b3]
          b-transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3]">>پیشخوان
          b-transparent hover:border-b-[#0a21b3] pb-3 transition-all duration-200
hover:text-[#0a21b3]">>اسپاد / p>
```

```
transparent hover:border-b-[#0a21b3] pb-1 transition-all duration-200
hover:text-[#0a21b3] group">
                             <span className="text-black text-xs font-semibold group-</pre>
hover:text-[#0a21b3]">
                            <span> الكترونيك الكترونيك
                            <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0</pre>
0 24 24" strokeWidth={1.5} stroke="currentColor" className="size-6">
                                      <path strokeLinecap="round" strokeLinejoin="round"</pre>
d="M3.75 6A2.25 2.25 0 0 1 6 3.75h2.25A2.25 2.25 0 0 1 10.5 6v2.25a2.25 2.25 0
0 1-2.25 2.25H6a2.25 2.25 0 0 1-2.25-2.25V6ZM3.75 15.75A2.25 2.25 0 0 1 6
13.5h2.25a2.25 2.25 0 0 1 2.25 2.25V18a2.25 2.25 0 0 1-2.25 2.25H6A2.25 2.25 0
0 1 3.75 18v-2.25ZM13.5 6a2.25 2.25 0 0 1 2.25-2.25H18A2.25 2.25 0 0 1 20.25
6v2.25A2.25 2.25 0 0 1 18 10.5h-2.25a2.25 2.25 0 0 1-2.25-2.25V6ZM13.5
15.75a2.25 2.25 0 0 1 2.25-2.25H18a2.25 2.25 0 0 1 2.25 2.25V18A2.25 2.25 0 0
1 18 20.25h-2.25A2.25 2.25 0 0 1 13.5 18v-2.25Z" />
                            </svg>
                     </div>
              <div className="flex items-center justify-between flex-wrap mt-2 gap-</pre>
4">
                      اعضاي هيأت علمي<"p> hover:text-[#4150c5] mr-4">
                     کارکنان<" [#4150c5] +hover:text
                     /p>دانشجو یان< " hover:text-[#4150c5]
                     فارغ التحصيلان<" [ #4150c5 ] hover:text
                     /p>ارتباط با ما<"[#4150c5] hover:text-[#4150c5]</p>
                     hover:text-[#4150c5]">
                     /p>وب سایت قدیم< " [#4150c5] + hover: text | hover: te
                     <div className="flex items-center gap-2 hover:cursor-pointer mr-</pre>
8">
                     <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0</pre>
24 24" strokeWidth={1.5}
                       stroke="currentColor" className="size-6 text-[#62657e] ">
   <path strokeLinecap="round" strokeLinejoin="round" d="m21 21-5.197-5.197m0</pre>
0A7.5 7.5 0 1 0 5.196 5.196a7.5 7.5 0 0 0 10.607 10.607Z" />
```

```
</svg>
<div className="flex gap-1 ">
<span className="text-[#969aba] text-xs">EN</span>
<svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24"</pre>
strokeWidth={1.5} stroke="currentColor" className="size-6 text-[#969aba]">
 <path strokeLinecap="round" strokeLinejoin="round" d="M12 21a9.004 9.004 0 0
0 8.716-6.747M12 21a9.004 9.004 0 0 1-8.716-6.747M12 21c2.485 0 4.5-4.03 4.5-
9S14.485 3 12 3m0 18c-2.485 0-4.5-4.03-4.5-9S9.515 3 12 3m0 0a8.997 8.997 0 0
1 7.843 4.582M12 3a8.997 8.997 0 0 0-7.843 4.582m15.686 0A11.953 11.953 0 0 1
12 10.5c-2.998 0-5.74-1.1-7.843-2.918m15.686 0A8.959 8.959 0 0 1 21 12c0 .778-
.099 1.533-.284 2.253m0 0A17.919 17.919 0 0 1 12 16.5c-3.162 0-6.133-.815-
8.716-2.247m0 0A9.015 9.015 0 0 1 3 12c0-1.605.42-3.113 1.157-4.418" />
</svg>
</div>
            </div>
        </div>
    </div>
export default Header
```

**Component Overview:** The Header component is designed to serve as the top navigation section of a web application, specifically tailored for an academic setting. It employs modern web development practices using React and Tailwind CSS to create a responsive and interactive user interface.

#### **Structure and Styling:**

- The component is encapsulated within a div with a white background, padding, and a shadow effect to create depth and focus on the header.
- An absolutely positioned div element is used to create a visual anchor at the top of the header, likely serving as a placeholder or decorative feature.

# **Navigation Elements:**

- The navigation links are structured using paragraph elements, each containing text and an SVG icon. These elements are styled with flexbox properties to align items centrally and distribute space evenly.
- Tailwind CSS classes are utilized to add responsive design features such as wrapping elements when necessary and adding hover effects.

#### **Interactivity:**

• The navigation links change appearance on hover, indicating clickable areas. The bottom border and text color transition to a blue shade (#0a21b3), enhancing user experience by providing visual feedback.

#### **Content:**

• The text within each navigation link is in Persian, representing various sections of an educational institution's website, such as "University," "Education," "Research," "Faculties," "Welfare," "Extracurricular Activities," and "BASNA News Base."

# **Purpose:**

• The primary purpose of this component is to facilitate easy navigation across different sections of the website while maintaining a clean and modern aesthetic. The use of Tailwind CSS for styling allows for rapid development and easy maintenance.

.

# footer:

```
import mapImage from '../assets/image.png';
function Footer() {
   return (
      <div className="flex pt-11 p-[14px] w-full bg-[#05254b] justify-between</pre>
flex-wrap">
           li]:mr-6
[&>li]:text-xs [&>li]:hover:cursor-pointer">
                 <h3 className="font-black text-[1.375rem] text-white mb-5"> نبون
</h3>
                 /hover:cursor-pointer/>دفتر مقام معظم ر هبری
                 hover:cursor-pointer">وزارت علوم، تحقیقات و فناوری
                 /li>مندوق حمایت از پژوهشگران و فناوران کشور
                 hover:cursor-pointer/>مركز مطالعات راهبردى و آموزش وزارت كشور 
                 hover:cursor-pointer">بنیاد نخبگان استان همدان<//1i>
                 /hover:cursor-pointer">(شاعا)< hover:cursor-pointer
                 /li>بنیاد خیرین حامی دانشگاه بو علی سینا< "hover:cursor-pointer
                  /li>مىندوق رفاه دانشجويان
           li]:mr-6
[&>li]:text-xs">
                <h3 className="font-black text-[1.375rem] text-white mb-5</pre>
invisible">asdasd</h3>
                /li>بورتال امام خمینی (ره)
                /li> الكترونيكي دولت< "hover:cursor-pointer
                hover: cursor-pointer">ریاست جمهوری اسلامی ایران (ایالامی ایران اسلامی ایران
                hover:cursor-pointer">معاونت علمي فناوري رياست جمهوري
                hover: cursor-pointer ">پارک علم و فناوری همدان المحالی المحا
                /hover:cursor-pointer/>درگاه پرداخت درآمدها<
                /hover:cursor-pointer/>مرکز آیا دانشگاه بو علی سینا<
```

```
hover: cursor-pointer">پورتال صندوق رفاه دانشجویان رانا
    li]:mr-6
[%>li]:text-xs">
     واحدها و <"font-black text-[1.375rem] text-white mb-5
<h3>>مراكز
     hover: cursor-pointer">دانشگاه بین المللی D-۸
     hover: cursor-pointer" >دبیر ستان پسر انه دانشگاه بو علی سینا
     /li>مسامانه پاسخگوئی به شکایات وزارت علوم، تحقیقات و فناوری
     /li> دانشگاه ها و موسسات آموزش عالى< "hover:cursor-pointer
     hover: cursor-pointer" >کانون صنفی استادان
     /li>مشور ای صنفی کار مندان<"hover:cursor-pointer/
    li]:mr-6
[&>li]:text-xs">
     دh3 className="font-black text-[1.375rem] text-white mb-5"> ارتباط با
</h3>
     <div className="grid grid-cols-2 auto-cols-auto gap-4">
        >نشانی
          >دانشگاه بو علی سینا 
        >کدیستی
           f \Delta 1 V A - T A f 9 \Delta 
        خماره تماس
          31400000 - 081
        پست الكترونيك
          info[at]basu.ac.ir
        </div>
```

**Component Overview:** The Footer component is a key part of the web application's layout, designed to provide users with quick access to important links and information. It is implemented using React and styled with Tailwind CSS, ensuring a responsive design that adapts to different screen sizes.

## **Structure and Styling:**

- The component is wrapped in a div that uses flexbox properties to arrange child elements in a row or column based on the available width, thanks to the flex-wrap class.
- The background color is set to a dark blue (#05254b), with padding and space between items for a clean layout.

# **Navigation Elements:**

- Four ul elements represent different categories of footer links, each with its own heading (h3) and list items (li).
- The headings are styled prominently, while the list items have smaller text sizes and are styled to change color on hover, indicating interactivity.

#### **Interactivity:**

• The hover state for each list item includes a color change to a lighter blue (#04368f) and a smooth transition effect, enhancing the user experience by providing visual feedback.

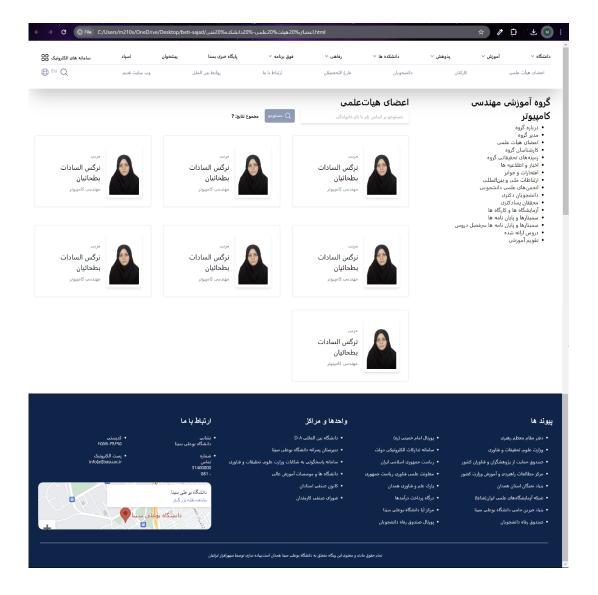
#### **Content:**

• The text within the list items is in Persian, linking to various external organizations and internal university departments, such as "Office of the Supreme Leader," "Ministry of Science, Research and Technology," and "Student Welfare Fund."

#### **Purpose:**

• The purpose of this component is to offer organized access to external resources and internal sections of the university's website. It serves as both a navigational tool and an informational resource for users.

# Pic of run:



# Address in git-hub:

https://github.com/sedwna/react\_Faculty\_members\_Engineering\_Faculty