

# Event Finder

Find local events and prices

This is an application that will allow users to search for local events, view the ticket price, and change the currency for the tickets as needed.

# Concept

- Website - An event and price search website
- Be able to search for an event and convert the currency
- We believe this would be useful if traveling or if you are taking an out of town companion to an event
- We wanted to make a website that even our parents could use

# Wireframe

## Currency calculator

☒ sports

☐ music

☐ other

Type in city or zipcode to find events near you

Search

# Process

- A mix of HTML, CSS, and Javascript
- CSS: Rebecca, Javascript: Kyle, Html: Joint Effort
- Javascript does not like it when you use strings for number methods
- Asynchronous Javascript issues
- Making the site accessible to all screen types through media query
- Site works, has style, and hates anything that's not a zip code

# Examples of Javascript Code

```
var converter = 1
fetch(currencyExchange)
  .then(response => response.json())
  .then(data => {
    //lots of parses here to make sure the conversion ratio is a number
    if (moneyPicker == "CAD") {
      var ratio = data.conversion_rates.CAD
      converter = parseFloat(ratio)
    }
    else if (moneyPicker == "EUR") {
      var ratio = data.conversion_rates.EUR
      converter = parseFloat(ratio)
    }
    else if (moneyPicker == "JPY") {
      var ratio = data.conversion_rates.JPY
      converter = parseFloat(ratio)
    }
    else if (moneyPicker == "AUD") {
      var ratio = data.conversion_rates.AUD
      converter = parseFloat(ratio)
    }
    else {
      converter = 1
    }
  })
```

```
fetch(requestSports)
    .then(response => response.json())
    .then(eventsData => {
        var finalHTML = ""
        for (var i = 0; i < eventsData.events.length ; i++){
            var price = eventsData.events[i].stats.average_price
            if (price === null){
                priceString = "No Price Listed"
            }
            else {
                var priceNum = parseFloat(price)
                priceNum = priceNum*converter
                priceString = priceNum.toFixed(2)
                //adds appropriate dollar sign to price
                if (moneyPicker == "USD"){
                    priceString = "$" + priceString
                }
                else if (moneyPicker == "CAD"){
                    priceString = "$" + priceString
                }
                else if (moneyPicker == "EUR"){
                    priceString = "€" + priceString
                }
                else if (moneyPicker == "JPY"){
                    priceString = "¥" + priceString
                }
                else if (moneyPicker == "AUD"){
                    priceString = "$" + priceString
                }
            }
        }
    })
}
```

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# Directions for Future Development

- Accepting city names for searches
- Being able to purchase tickets for events
- Clicking on the location takes you to Google maps/ some navigation site
- More categories of search
- Adjustable search radius
- Multiple search result pages

# Demo Page

<https://rsundquist.github.io/event-finder/>

# Links

- <https://rsundquist.github.io/event-finder/>
- <https://github.com/rsundquist/event-finder.git>