## **Binary Analysis for Missed Vectorization Opportunities Detection**

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## **ACM Reference Format:**

## 1 INTRODUCTION

Modern compilers are often able to automatically vectorize code using SIMD instructions. Take, as an example, the following code snippet:

```
void copy(long *restrict a, long *restrict b, unsigned long n) {
    for (unsigned long i = 0ul; i < n; i++) {
        a[i] = b[i];
}
</pre>
```

## REFERENCES

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