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### A C++ Sample Book

### A Sample Subtitle of the Sample Book

John Lakos Joshua Berne

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This is John's dedication to Josh for being so great and writing this book so well.

JL

This is Josh's dedication to his wife, child, and mother-in-law for being all supportive and wonderful. And to steak. Steak is great.

 ${\rm JMB}$ 



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### Foreword

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### Preface

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### Acknowledgements

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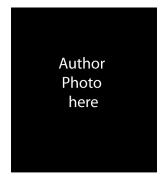






### About the Authors

Joshua Berne serves at Bloomberg LP as a senior software engineer on Bloomberg's core library team. After the difficult choice to pursue a career in software engineering over research mathematics, he has been an active programmer in the financial industry, writing day trading applications in C++ for  $E^*TRADE$  Capital Markets and, after that, architecting large distributed trading systems in Java for Instinet and IDC. Since joining Bloomberg in 2017, he has been an active participant in the C++ Standards Committee, seeking to bring the advancements made within Bloomberg to the C++ Standard and thus to the rest of the world.









# Part I

### Part Number One

This is the description of part number one.







# Chapter 1

### Chapter Number One

```
This will be chapter one.

This is some code that is typeset inline void foo() {return;}

The header would contain

void foo();

The implementation file would contain

void foo() {

return;

// RETURN
```

#### 1.1 A section

Here's a section.

#### 1.2 Another section

Here's another section.

 $\mathbf{2}$ 





### Chapter 2

### Chapter Number Two

This will be chapter two. Some WG21 papers that i've written are [1], [2], [3], [4], [5], [6], [7], [8], [9], [10], [11], [12], [13], [14], [15], [16], [17], [18], and [19].

#### 2.1 A section

Here's a section.

#### 2.2 Another section

Here's another section.



# Part II

### Part Number Two







### **Chapter 3**

### Chapter Number Three

This will be chapter three.

#### 3.1 A section

Here's a section.

#### 3.2 Another section

Here's another section.





## Chapter 4

### Chapter Number Four

This will be chapter four.

#### 4.1 A section

Here's a section.

#### 4.2 Another section

Here's another section.



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## Appendix A

## Appendixical Stuff







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