

Christian Martinez

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Education

University of Illinois at Chicago, Chicago, IL
B.S. in Computer Science

Dec 2020

Skills

Languages: Advanced in C, C++, Java, SQL. Proficient in CSS, F#, HTML, Python.

Operating Systems: Windows, Mac OS, Linux

Software: Visual Studio, Eclipse, Adobe Photoshop, Microsoft Office, Maven, GIT

Work Experience

Randa Accessories, Rosemont, IL
IT Intern

May - Aug 2019

- Automated a file compression process that was previously done manually
- Engaged in testing new software for errors
- Designed a time management system for the IT department to help improve productivity
- Helped modernize the companies training portal for all employees

Best Buy, Orland Park, IL

Aug 2016-Present

Magnolia Audio and Video Specialist

- Contribute to sales ranking top 15 for the quarter in total revenue
- Train and excite employees on premium products
- Build trust with clients and give them a full package sale

Student Projects

Dare Mighty Things Hackathon, Chicago, IL
Language Analyzer

Feb 2020

- Configured Google Cloud APIs to help users identify products
- Queried Cloud SQL database with strings generated from spoken English
- Translated speech to query instructions via Natural Language API

University of Illinois Hackathon, Champaign, IL
IntelliVast

Oct 2019

- Data Mined to find occurrences of company financial headlines using Aho-Corasick search algorithm
- Integrated Natural Language API to find an overall sentiment score of articles
- Modeled a spring mass system using Fast Fourier Transforms and a Low Pass Filter

Data Structure Project, University of Illinois
Service Queue

Apr 2018

- Utilized a doubly linked list algorithm of objects to manipulate a queue with constant runtime
- Displayed clever usage of vectors within algorithm for best runtime results

Personal Website, Chicago IL
ChrisMartinez.dev

Present

- Personal Website to learn more about web development using HTML and CSS
- Designed to make it easy to navigate when looking for personal information

Algorithms, University of Illinois
Perfect Subset Sum

Mar 2020

- Finds the yield for distinct subsets, smallest yield, and distinct subsets with the smallest yield
- Incorporated dynamic programming to reduce overall asymptotic runtime of the perfect sum problem

Organizations

Association of Computer Machinery, Chicago, IL
Algorithmic Trading Group, Chicago, IL

Aug 2019-Present

Aug - Dec 2019