

Christian Martinez

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Education

UNIVERSITY OF ILLINOIS AT CHICAGO

(DEC 2020)

B.S. in Computer Science

- **Coursework:**
Algorithms, Data Structures, Machine Organization, Systems Programming, Mathematical Computing, Program Design, Software Engineering, Multivariable Calculus, Computer Systems
- **Organizations:**
Association of Computer Machinery (ACM), Algorithmic Trading Group (ATG UIC)

Skills

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

Operating Systems: Windows, Mac OS, Linux

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

Databases: SQL Server 2016

Projects

CHRISMARTINEZ.DEV | PERSONAL

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

LANGUAGE ANALYZER | HACKATHON

- 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

STOCK PREDICTOR | HACKATHON

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

SERVICE QUEUE | SCHOOL

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

Experience

SUMMER IT INTERN | RANDA ACCESSORIES

(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

MAGNOLIA AUDIO AND VIDEO SPECIALIST | BESTBUY

(AUG 2016 - PRESENT)

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

BRAND AMBASSADOR | MARKET CONNECT GROUP

(APR 2018 – JUN 2019)

- Endorse brands and convince customers to buy said products
- Building awareness of new products
- Train retail associates on company products to help improve sales