Jonathan Ma

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16 Burney St, #1 Boston, MA 02120 | Availability: January – June 2021

EDUCATION

Northeastern University, Boston, MA　　　　　　　　　　　　　September 2018 - Present

Khoury College of Computer Sciences

Candidate for a Bachelor of Science degree in Computer Science & Media Art　　　Expected: May 2023

Honors:　　　　　　　GPA: 3.41/4.0 (Dean's List)

Related Courses:　　Algorithms and Data Structures | Object Oriented Design | Database Design | Linear Algebra |
Discrete Structures | Programming in C++ | Fundamentals of Computer Science I, II |
2D, 3D & 4D Fundamentals | Narrative Basics | Animation Basics | Observational Drawing

Thornton Academy, Saco, ME　　　　　　　　　　　　　　　　September 2014 - May 2018

Honors | Activities: Summa Cum Laude, Weighted GPA ***4.01(Top 10%***) | Varsity Tennis, Computer Club

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COMPUTER KNOWLEDGE

Languages: Java | C++ | HTML | CSS | C# | SQL | Racket

Software:　　IntelliJ | Eclipse | Visual Studio Code | Atom | Git | Unity | MySQL | Looker | Matillion |
Clip Studio Paint | AWS Redshift | Photoshop | After Effects | Maya

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EXPERIENCE

Iora Health, Boston, MA

Data Engineer　　　　　　　　　　　　　　　　　　　　　　　January 2020 - June 2020

- Collaborated with multiple teams (including software engineers, project managers, and doctors) to create new fields and tables for company dashboards.
- Refactored fields in Matillion that would notify doctors if their patients were at risk of hypertension.
- Extracted data from Amazon RedShift database to create a dashboard comparing patient retention with patient survey results, which was used to notify practices if they had low satisfaction scores.
- Communicated & worked efficiently with clients to import data into the company's Extract, Transfer, Load system (ETL).

The Nautilus at Ocean Park, Old Orchard Beach, ME　　　　　　May 2018 - September 2018

Housekeeper

- Communicated and worked diligently with co-workers on issues such as room assignments and lobby cleanliness.
- Provided guests with a welcoming environment through conversation and fast and efficient room service.
- Delivered quick, critical and creative problem solving solutions to unexpected situations and issues.

PROJECTS

jonathanma1.com: Created a personalized website to display my skills, interests and artwork using HTML to strcuture web formate and CSS to stylize pages.

Pyramid Solitaire: Created a solitaire like game with different levels of difficulty that incorporated the MVC design pattern in Java.

Block Breaker: Created a 2D Block Breaker video game using Unity alongside Visual Studios where game logic was written in C# and collision was handled using unity's game engine.

PERSONAL INTEREST

Cooking | Illustrating | Competitive Smash Bros | Animation | Board Games | Piano