

# John Michael Buan Yatco

Concord, NH | [joyatco96@gmail.com](mailto:joyatco96@gmail.com) | 603.290.1668 | [www.linkedin.com/in/yatcoj](http://www.linkedin.com/in/yatcoj) | <https://yatcoj.github.io/>

## EDUCATION

**Wentworth Institute of Technology** | Boston, MA Aug 2015 – Aug 2019

Bachelor of Science in Computer Science, Minor in Computer Networking

Overall GPA: 3.97 / 4.00; Summa Cum Laude, Dean's List

Related Courses: Software Engineering, Machine Learning, Web Development, Parallel Programming, Operating Systems, Algorithms, Database Management Systems, Data Structures

## SKILLS

**LANGUAGES:** Java, C#, C, SQL, JavaScript, HTML/CSS, Python

**SOFTWARE:** Eclipse, Visual Studio, MySQL, PuTTY, Android Studio, Microsoft Suite

**DEVICES:** Raspberry Pi, Arduino, Soldering Equipment, VEX Cortex based Microcontroller

**ADDITIONAL SKILLS:** Fast learner, Teamwork, Organization, Time Management, Public Speaking

## EXPERIENCE

**Desktop Support Technician Co-op | MIT | Cambridge, MA** Sep 2018 – Dec 2018

- Maintained computer systems and peripherals for the Department of Facilities staff at MIT.
- Resolved tickets regarding desktop, printer, phone, and office equipment issues.
- Responded to user inquiries to fully address issues and ensure the user understands what was altered.

**QA Automation Co-op | MFS | Boston, MA** Jan 2018 – May 2018

- Automated error checking in company's web application using Java, Eclipse, and Selenium.
- Updated existing automation test scripts in order to improve consistency and efficiency.
- Altered format of test logs in company's core framework with the intention of improving readability.
- Researched mobile emulators in order to help company decide which platform to use for mobile testing.

## PROJECTS & RESEARCH

**Collaborative Paint Tool | Senior Project** May 2019 – Aug 2019

- Created a digital art collaboration tool that enabled multiple users from different machines, connected to a server through TCP connections, to work on an image in real time.
- Provided multiple brushes for users to create or alter an image.
- Developed this tool in C# using WPF forms provided by Visual Studio.

**Budgeting App | Software Engineering** Jan 2019 – May 2019

- Developed a mobile app for android devices that keeps track of the user's money spent.
- Displayed a visual representation of how the money was spent based on the information recorded.
- Stored data remotely using a database known as Firebase Cloud Firestore.
- Designed the app using IEEE coding standards and programmed in Android Studio.

**Escape Tower Simulation | Parallel Programming** July 2018 – Aug 2018

- Programmed a serial simulation in C and then parallelized it using MPI and OMP.

**Wentworth's Database Model | Database Management Systems** April 2017

- Designed relational models and entity relationship diagrams that modeled Wentworth's current database.
- Wrote SQL scripts to build, populate, and query the database.

## ACTIVITIES

**Computer Science Society; Member** Sept 2016 – Aug 2018

- Volunteered to aid the club's annual hackathon and attended weekly workshops.