

# Maxwell Hubbard

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## EDUCATION

**University of Massachusetts Amherst**  
**Commonwealth Honors College**  
**College of Information and Computer Science**  
*Bachelor of Science in Computer Science*

Amherst, MA

May 2021

• GPA: 3.8

## RELEVANT COURSEWORK

Software Engineering; Computer Graphics; Algorithms; Project Management; Game Design; Linear Algebra;

## EXPERIENCE

**University of Massachusetts, Amherst**

Amherst, MA

*Undergraduate Teaching Assistant: Applications of Data Management*

2020 - Present

- Solidified over 100 students' understanding of course topics by holding office hours and communicating with students through an online forum, Piazza.
- Helped transition course to online format while still providing team-based learning elements.

**Charles River Development**

Burlington, MA

*Software Engineering Intern*

Summer 2019, 2020

- Created an automated performance testing framework for the FX, Cash, and Listed Derivatives team in order to help simplify testing and prevent bugs before product release.
- Designed a process to generate a bulk amount of customizable orders that can be imported into databases easily to help with creating large amounts of data.

**Massachusetts General Hospital**

Boston, MA

*Application Developer (Remote)*

2015 - 2019

- Developed several desktop applications used in clinical research studies at The Massachusetts General Hospital in order to help patients with Amyotrophic Lateral Sclerosis (ALS) and Parkinson's Disease keep track of their daily caloric intake.
- Helped patients interact with desktop applications directly to improve their experience in studies.

## NOTABLE PROJECTS

**iOS Applications (Swift)**

Passbook – Password Protection; Dog of the Day; Wall Ball; Maze Trials; URecycle (React Native);

**Web Applications (React, JavaScript, HTML, CSS)**

Employee Review Project; Ultimate Hiring Software; Thoughts And Prayers

**Desktop Applications (Java)**

Bouchard Activity Calculator; ALS Functional Rating Scale Application; Calorie Counter Application;

## PROGRAMMING SKILLS

Java; Swift; JavaScript; C#; JSON; SQL; React; React Native; HTML; CSS; MongoDB; Python; Unity;

## EXTRACURRICULAR EXPERIENCE

Apple's WWDC Swift Student Challenge Winner

| 2020

University of Massachusetts Minuteman Marching Band

| 2017 - 2020

Participant in HackUMass

| 2018 - Present

*RestARant*

*Flight TrackAR*