

# Stephen W. Gordon

Greenfield, MA 01301

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## Education

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**University of Massachusetts** - Amherst, MA

Bachelor of Computer Science | GPA: 3.2 / 4.0

Expected Spring 2019

Relevant Courses (Including Spring 2019 Semester):

- Algorithms
- Computer Systems Principles (C)
- Operating Systems (C/C++)
- Data Structures (Java)
- Software Engineering (Agile)
- Web Development (Agile)
- Programming Methodology (C++)
- Computer Networks

**Greenfield Community College**

Associate in Arts Degree | GPA: 3.47 / 4.0

## Projects

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- **Software Engineering Project** - Worked with a team of eight to develop a database for a university organization involved in aiding underrepresented students in their academic careers. Contributed by creating ER diagrams, documentation, and presentation. The organization picked our project as the best of six. Used the Agile development cycle.
  - **Discord Bots** - Communicates with VoIP program Discord. These bots do the following: Use hashmaps to keep track of command request streaks from multiple servers, request json data from website API and reformat it conveniently for readability, read and write data to server specific files for future usage; Python
  - **TODOChat (Chat Room)** - Worked with a team of three to develop a multi-threaded chat room server and client. The server is divided into rooms, which the users create, to chat using text to each other in the same room or privately. Client properly connects and handles all requests to and from the server, including scripting support; C++

## Work Experience

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**Volunteer Teaching Assistant - Programming with Java**

September 2017 to December 2017

**Amherst Regional High School - Amherst, MA**

- Created demonstration projects and presented topics about Java, including casting, inheritance, polymorphism, abstract classes, and use of the Swing library.
- Answered questions and assisted students with conducting bugfixes and writing efficient code.

**Peer Tutor**

September 2016 to May 2017

**Greenfield Community College - Greenfield, MA**

- Assisted other students in mathematics ranging to Calculus in an one on one environment.
- Sole provider of tutoring for Java Programming.
- Assisted multiple students at a time in a college classroom environment.

**Cashier**

June 2015 to Present

**Sunderland Corner Store - Sunderland, MA**

- Excelled at providing excellent customer service in a quick and timely manner.

## Languages and Technologies

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- Java, C++, C, Python, Git
  - Linux + Windows Environments
  - Unreal Engine 4
  - Visual Studio, Eclipse