

# Olaolu Emmanuel

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Bachelors of Science in Computer Science May, 2018 | Music Minor

Major GPA: 4.00 | Overall GPA: 3.809

## Experience

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- **Lead Software Engineer** **New Brunswick, New Jersey**  
**Rutgers Chemistry Department** **June 2015 -**
  - I am leading a team of two other developers in creating a new system which will both generate and grade quizzes for the ~4000 students enrolled in a Chemistry class at Rutgers.
  - Java, MySQL
- **Computer lab Assistant/Tutor** **New Brunswick, New Jersey**  
**Rutgers Computer Science Department** **September 2015 -**
  - I tutor any students who are having trouble in their classes.
  - I also assist people who are having trouble connecting to our computers remotely or are unfamiliar with navigating UNIX systems.
  - Java, Python, Bash, C

## Personal Projects

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- **Shrednought**
  - A 3D game which takes input from a real guitar and maps the different notes played to different controls in the game.
  - I was responsible for implementing the Fourier Transform algorithm to decompose the input signals into frequencies which we could then map to different controls.
  - Unity3D, C#
- **Meyow**
  - An app which can take a woman's location if she has been harassed or catcalled and add it to our database to help warn woman and alert cops of areas to be on the lookout for.
  - C#, Parse, Twitter
- **Phone.wtf (Winner of "best use of Braintree" at HackNY Fall 2015)**
  - A webapp which people can use to prank their friends by entering two or more people into a conversation and listening in on the call. Donations can be made to the site using Paypal.
  - Twilio, Python, Flask, Javascript, HTML, Paypal, Digital Ocean, Namecheap
- **Hackerspace Print-Queue**
  - A webapp allowing students to submit files containing something that they would like to be 3D printed which then gets enqueued into our queue.
  - Upon completion an email is sent to the recipient notifying them that their print is ready for pickup.
  - NodeJS, ExpressJS, HTML, Javascript, Amazon Web Services, Parse
- **Version Control: Git and Mercurial**
- **Check my github for more projects!**

[\(See back for Extracurricular Activities\) ----->](#)

## Extracurriculars

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- **Director of Education** **New Brunswick, New Jersey**  
**Rutgers USACS (Computer Science Club)** **September 2014 -**
  - I am responsible for reaching out to alumni and upper-classmen to give talks on different areas of computers science which are not touched on in class.
  - I also head the mentorship program to help newcomers to Computer Science.
- **Organizer** **New Brunswick, New Jersey**  
**HackRU** **September 2014 -**
  - Since I enrolled in Rutgers, I have been helping to organize our bi-annual hackathons increasing my involvement with each coming hackathon.
  - This includes contacting sponsors and volunteering on the day of the event.
- **Mentor** **New Brunswick, New Jersey**  
**Rutgers USACS Mentorship Program** **September 2015 -**
  - I am a mentor as part of the USACS mentorship programs.
  - I give tips and project ideas to another fellow student along with help on anything that they are struggling with.
- **Member** **New Brunswick, New Jersey**  
**Just Euler** **September 2015 -**
  - I am a member of Just Euler, a club which goes over problems from <https://projecteuler.net/> and discusses different algorithms to solve them along with analyzing the time and space complexity of each.