

SOFTWARE DEVELOPMENT AND INTERNSHIP QUALIFICATIONS

Computer Languages:

- Java, Advanced
- Javascript, Advanced
- Objective-C, Advanced
- Python, Advanced
- AppleScript, Intermediate
- Bash, Intermediate
- HTML, Intermediate
- LaTeX, Intermediate
- MySQL, Intermediate
- C, Beginner
- PHP, Beginner
- Robot C, Beginner
- Ruby, Beginner
- Scheme, Beginner
- Swift, Beginner

Frameworks and Other Skills:

- Data Structures
- Machine Learning
- Clustering
- Xcode/iOS
- Web Design
- jQuery
- Bootstrap
- Parse

EDUCATION

University of Rochester Rochester, NY USA

09/2014 - **Present**

B.S. Degree Computer Science, Minor in Business; Fall 2014 GPA: 3.65

CSC 172H: Data Structures

CSC 242: Artificial Intelligence

Awards: Dean's Scholarship

Johns Hopkins University Baltimore, MD USA

09/2013 - 07/2014

Online Course, Transcript Available; GPA: 3.7 on 4.0 Scale

Linear Algebra

Carnegie Mellon University Pittsburgh, PA USA

06/2013-08/2013

Final Transcript Available; GPA: 4.0 on 4.0 Scale

Integration, Differential Equations, and Approximation

Fundamentals of Programming

SOFTWARE DEVELOPMENT AND TECHINICAL EXPERIENCE

Computer Science Department at the University of Rochester

01/2015 - **Present**

Workshop Leader

Center for Excellence in Teaching and Learning at The University of Rochester

01/2015 - **Present**

Tutor in Computer Science and Mathematics

YEN Tutoring Center, Rochester

02/2015 - **Present**

Computer Science Program Director

Phatapps Development, LLC

02/2011 - **Present**

Founder and CEO

~A Software Development Company designing elegant and
intuitive software.

Saint Barnabas Medical Center, Livingston, NJ USA

02/2014 - 08/2014

Full Time Internship 02/2014 - 05/2014

Software Developer 05/2014 - 08/2014

~During my employment, I developed Compliance Manager Mobile, an iPhone application that would allow maintenance employees across New Jersey's largest hospital system to view their current work orders from their iPhones. I used and gained experience with Objective-C, Python, MySQL, and working with a large corporate database over an ODBC connection.

PROJECTS

URDining - iPhone Application

End of Testing Phase

Lead Backend Developer and Co-Founder

[Available on the App Store](#)

~An iPhone application for the University of Rochester dining services to manage the menu system and to get feedback from the student body.

Compliance Manager Mobile - iPhone Application

4,500+ Work Orders

Lead Programmer/Designer

Currently Recorded

~An iPhone application, "Work Order Management System", for the New Jersey Hospital System, "Barnabas Health, Inc."

University of Rochester Playing Game

CSC 172 Honors Project

Lead Backend Developer

[Game Here](#)

Computer Science Undergraduate Council at The University of Rochester

01/2015 - Present

Member

Tetris

Class Project

in Python and in Java

FTC Robotics Team at Golda Och Academy

09/2013 - 05/2014

Founder and President

NON-TECHNICAL EMPLOYMENT

Andy's Family Music Center , Livingston, NJ USA

01/2012 - 06/2013

Sales Associate

ADDITIONAL LINKS

LinkedIn: [linkedin.com/in/niebloomj/en](https://www.linkedin.com/in/niebloomj/en)

Github: github.com/niebloomj