

Michael Lanotte

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Available: **July - December 2019**

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA (GPA: 3.75/4.0) *September 2017 - Present*
Khoury College of Computer Science and Information Sciences *Expected Graduation May 2022*
Candidate for a Bachelor of Science in Computer Science, minors in Math and Electrical Engineering
Related Courses: Object Oriented Design, Computer Systems, Fundamentals of Computer Science 1 and 2, Algorithms and Data, Programming in C++, Logic and Computation, Multivariable Calculus, Discrete Structures

SHREWSBURY HIGH SCHOOL, Shrewsbury, MA *September 2013 - May 2017*
Related Courses: Advanced Placement (AP) Calculus BC, AP Statistics, Digital Electronics, AP Physics
Activities: Varsity Football, Varsity Spring Track and Field, Teachers Assistant for a troubled freshmen student math class

COMPUTER KNOWLEDGE

Languages: Java, C, HTML, CSS, Python, C++, Racket, Swift
Operation Systems: Mac OS, Fedora, Red Hat Enterprise Linux (RHEL), CentOS
Software: Eclipse, IntelliJ, PhpStorm, CLI, GitHub, Slack, PyCharm, Vim, VirtualBox, XCode

WORK EXPERIENCE

RED HAT, Westford, MA *Summer 2018*
Storage Software Intern

- Contributed quality assurance for an application written in Python by writing tests using mock objects, mock patches, Pytest, and Tox testing to add code coverage
- Composed a comprehensive command line install guide for other employees and customers whose goal is setting up Tendrl's multi-server monitoring service for Red Hat Gluster Storage
- Collaborated with colleagues in office and worldwide in countries including India and the Czech Republic

THE HOME DEPOT, Shrewsbury, MA *Summer 2017*
Lawn and Garden Associate

- Informed customers on the benefits and uses of thousands of products
- Secured big purchases of items including lawnmowers, chainsaws, leaf blowers, string trimmers, and patio furniture

SKI WARD, Shrewsbury, MA *Winter 2013 - Winter 2016*
Snowboard Instructor

- Taught beginner children as young as 6 years old, up to adults looking to hone in advanced skills
- Promoted into more senior role managing and supervising other instructors for weekly group lessons

PROJECTS

Game Tracker App (Swift) *In Progress*

- Personal IOS app written in Swift on XCode which is currently early in development
- Purpose of monitoring a wish list and documenting money spent on games

Personal Website (HTML, CSS) *July 2018 - January 2019*

- Domain is mlanotte.com and hosted on GitHub Pages
- Designed with support from w3schools.com, Bootstrap, and Google API JQuery

Shape Animation Project (Java) *Fall 2018*

- Constructed a model-view-controller project with a runnable Jar file
- Functionality includes animating shapes visually with Java Swing, SVT files, or a readable text file
- Operated using design patterns including the factory pattern, adapter pattern, and builder pattern

INTERESTS

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- Video-games, snowboarding, football, basketball, fitness, running, swimming, billiards