Michael Lanotte

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Available: **June - December 2020**

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA (GPA: 3.8/4.0)   *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: Web Development, 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

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COMPUTER KNOWLEDGE

Languages: Java, JavaScript, C++, C, Python | **Web Technologies:** React, Node.js, HTML, CSS
Operating Systems: Mac OS, Fedora, Red Hat Enterprise Linux (RHEL), Windows 10, CentOS
Software: IntelliJ, WebStorm, Eclipse, CLI, SVN, GitHub, Jest, Slack, PyCharm, Vim, VirtualBox

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WORK EXPERIENCE

POWERADVOCATE, Boston, MA   *July 2019 - Present*
Full Stack Software Developer Co-Op
- Spearheaded two user-interface pages programmed in React for an internal product currently in development
- Launched one brand new React library for the company's internal React Artifactory
- Engaged in multiple stories involving a backend that is made up of a Node.js Microservice architecture
- Exposure to AWS services including CloudFront, S3, ECR, ECS, EC2 and DynamoDB
- Coordinated with other developers by paired programming in an agile environment that allows for the ability to engage in stories on any product alongside any co-workers due to a continuous flow methodology

RED HAT, Westford, MA   *Summer 2018*
Storage Software Intern
- Strengthened 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 over 15 colleagues in office and worldwide in countries including India and the Czech Republic

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PROJECTS

Game Tracker Web-App (React, Java)   *In Progress*
- Personal web application built using a React front end, and a Java server with JPA to access a MySQL database
- Full stack hosted online on Heroku and supported by the ClearDB-MySQL extension
- Purpose of monitoring a wish list and documenting money spent on games

Bountium Web-App Project (React, Java)   *May 2019 – June 2019*
- Bountium is a platform for smart contract powered businesses and is an open source project
- Produced a business marketplace for Bountium called the Bountium DAO Manager
- Pioneered the Java server partnered with MySQL that handles creating users, businesses, owners, and products
- Incorporated a messaging system into the server that allows for messages between owners of businesses
- Remodeled the front-end from EXT JS to React

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 visually animating up to hundreds of shapes at once with Java Swing

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INTERESTS

- Videogames, snowboarding, football, basketball, fitness, running, swimming, billiards