

# Luke Parkhurst

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Available: January 2021 – August 2021

## Education

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### Northeastern University, Boston MA

*Candidate for a Master's of Science in Computer Science*, GPA 3.36 / 4.0

Sept. 2019 – Dec. 2021

**Relevant Courses:** Networking, Object Orientated Design, Algorithms, Foundations of AI, Human Interaction with Comp.

### Franklin Pierce University, Rindge NH

*Bachelors in Business Management*, GPA 3.96 / 4.0

Sept. 2014 – May 2018

## Technical Skills:

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Languages: Python, C++, C, Java, R, and Perl

Database: SQL

Software: VS Code, Spyder 3.0, IntelliJ, CLion, GNS, Oracle, VirtualBox, TensorFlow, Github, PyCharm

Operating System: Windows (7/8/10) and Ubuntu (16/20)

Web Applications: HTML, SVG, and Javascript

## Projects:

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### Personal Projects

*C++ Library for Personnel Directory Data Structure*

February 2021 - current

- Creating Doubly Linked Data Struct containing nodes with Personnel's information
- Utilizes Binary Search and other simple algorithms to find Personnel quickly and allow for changes in lists.
- Utilize multiple lists to help identify personnel in a variety of manners from ID, name, or occupation.

### Northeastern University Projects

*Small Scale Client, DNS, Web Server Browser*

May 2020 – August 2020

- Created a web server with threaded capabilities for hundreds of users
- Routed clients to DNS server then redirected them to correct web server in simulation

*Object Oriented Detail Client Graphics Program Project*

Jan 2020 – May 2020

- Create animation program that creates model and client view separately with a controller to communicate
- Ensure new capabilities and objects could be added in model that clients can use
- Written with Java in IntelliJ

## Employment History:

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### Keeney Manufacturing

August 2018 – February 2019

*Plastics Technician*

- Maintained and operated all injection molding machines to keep client orders finished in timely manner
- Supervised and oversaw 1 to 12 employees under department's production to ensure component structures
- Created production schedule and prioritize production needs based on production stock charts

### Microcatheters Components

January 2018 – August 2018

*Extrusion Operator / Intern*

- Conduct research across various micro catheters to find and understand the production, quality control, and limits of a different tubes and sutures
- Manage production methods dependent on product(s) to ensure proper usage of design and materials

## Leadership:

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### Sigmoid Hackathon

Hackathon vice president organizer

- Setting up and running AI/ML panels for younger audiences
- Coordinating and finding sponsors for AI/ML hackathon