

**Alexander Bochman**  
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Portfolio: [alexbochman.github.io](https://alexbochman.github.io)

## OBJECTIVE

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To obtain a position as a software engineer in a fast-paced and innovative organization that capitalizes on my determination, technical skills, and adaptability.

## SKILLS

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<b>Languages</b>	C/C++, Java, JavaScript, Assembly
<b>Tools</b>	Git/GitHub, Travis CI, HTML, CSS, Bootstrap, jQuery, MySQL, FileMaker
<b>Operating Systems</b>	Windows, Linux (Ubuntu)

## EDUCATION

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<b>University of Massachusetts Lowell</b> B.S. Computer Science – GPA: 3.3	<b>Expected April 2021</b>
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<b>Northern Essex Community College – Haverhill, MA</b> CIS: Computer Science Transfer – GPA: 3.4 Member of Commonwealth Honors College	<b>May 2015 – Aug. 2019</b>
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## PROJECTS

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<b>Algo-Mate – Visual Studio Code Extension</b>	<b>Jan. 2021 – April 2021</b>
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- Software engineering project for autocompleting snippets of design patterns for C++, Java, JavaScript, and Python.
- Design patterns include singleton, builder, adapter, and observer.

<b>VS-Saturn – Visual Studio Code Extension</b>	<b>Sept. 2020 – Dec. 2020</b>
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- Software engineering course project written in JavaScript.
- Based off of the Pomodoro technique for task and time management.

<b>Foundations of Computer Science Course Project</b>	<b>Sept. 2020 – Dec. 2020</b>
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- Modeling deterministic and non-deterministic finite automata in C++.
- Developed an extensive library that allows for automata conversions and set theory operations.

<b>Personal Website – Graphical User Interface (GUI) Programming</b>	<b>Sept. 2020 – Dec. 2020</b>
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- GUI course assignment that has been developed into a personal portfolio.
- Frequently updated with new projects and resume revisions.

## WORK EXPERIENCE

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<b>Hockmeyer with Barksdale</b> <b>IT Technician</b>	<b>Amesbury, MA</b> <b>Sept. 2018 – Apr. 2020</b>
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- Setup and maintained a VPN that connected our division to the PA. and CA. divisions.
- Troubleshoot and maintained phones and computers on the network.
- Assisted with data entry using FileMaker and Microsoft Excel.

<b>Parker Hannifin</b> <b>IT Intern</b>	<b>Haverhill, MA</b> <b>Sept. 2017 – Sept. 2018</b>
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- Assisted with creating and maintaining business solutions using FileMaker.
- Facilitated and attended business calls relating to migrating IBM Lotus Notes to SharePoint.
- Managed users on the network through ActiveDirectory.
- Responded to tickets for customers for sites within the Haverhill division.
- Troubleshoot local machines and virtual machines on vSphere.