

# Andrew Galvin

(781) 927-5667 | [andrewgalvin@gmail.com](mailto:andrewgalvin@gmail.com) | Weymouth, MA  
[www.linkedin.com/in/andrew-galvin-0000001](https://www.linkedin.com/in/andrew-galvin-0000001) | [www.andrewgalvin.net](http://www.andrewgalvin.net)

---

## EDUCATION

### Wentworth Institute of Technology | Boston, MA

Expected Graduation: April 2023

Master of Science in Applied Computer Science; concentration in Artificial Intelligence and Machine Learning

GPA: 4.0/4.0

*Related Courses:* Classical AI, Modern Computing

### Wentworth Institute of Technology | Boston, MA

August 2022

Bachelor of Science in Computer Science

GPA: 3.6/4.0

Dean's List: Fall 2018-Spring 2022

*Related Courses:* Algorithms, Data Structures, Databases, Parallel Computing, Operating Systems

## SKILLS

**Programming Language:** Javascript (NodeJS, ReactJS), Python, HTML5/CSS, Java, C, Assembly, SQL

**Software:** Git, MongoDB, Unix, AWS, Azure

## PROJECTS

### Nokiny's Toolbox (Individual Work)

September 2021 – Present

- Designed, developed, and deployed an inventory and expense management application to help entrepreneurs organize their data
- Developed REST API routes with ExpressJS to provide a fast, scalable, and secure backend service
- Produced user-facing React app with thoughtfully designed UI and flow to provide a fantastic UX
- Implemented feedback received from over 800 end users

### Swift API – Senior Project (Group Work)

June 2022 – August 2022

- Tasked with designing and developing the listing and purchase flow of an API
- Created user-facing pages for listing and purchasing an API
- Built backend routes by leveraging Stripe's API to manage payments

### BTC vs Twitter (Group Work)

July 2021 – August 2021

- Invented a Python script to monitor Twitter without a Twitter developer account to get past normal rate limits
- Performed emotion analysis on Twitter data using Python's text2emotion library
- Utilized PySpark and to perform data analysis

### SCP Automated (Individual Work)

May 2021 – May 2021

- Devised a Python script to monitor my device for file changes to allow for developing assignments on my local machine instead of using a built-in text editor via SSH
- Utilized SFTP File Transfer Protocol to update my school's supercomputer when a change was detected

### Got Sole Discord Ticket Bot (Individual Work)

June 2020 – September 2020

- Invented Discord ticket tracking by utilizing Google Sheets to manage tickets
- Integrated a decision tree-based ticketing experience to improve user experience by directing their needs to the correct moderator
- Designed and developed Discord commands to automate processes such as hosting a live auction for items

### Supreme Bot (Individual Work)

April 2020 – May 2020

- Utilized Python to scrape retail product stock information
- Scrapes and selects specified items for automated order submission
- Screened stock information in under a second

## EXPERIENCE

### Bay State Physical Therapy | Braintree, MA

February 2021 – May 2022

*IT Support Specialist Intern*

- Supported 700 employees via support requests and remote-control software
- Researched and implemented new software to improve customer support
- Researched modern automation technologies and provided training to staff across multiple departments to increase cross-department productivity by 20%