Andrew Galvin

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Education

Wentworth Institute of Technology	**Boston, MA**

Master of Science in Applied Computer Science 4.0 GPA — *2022–2023*
Concentration in Artificial Intelligence and Machine Learning
Related Courses: Classical AI, Modern Computing, Machine Learning

Wentworth Institute of Technology	**Boston, MA**

Bachelor of Science in Computer Science; Minor in Applied Math 3.6 GPA — *2018–2022*
Related Courses: Data Structures, Algorithms, Data Science, Discrete Math
Dean's List: Fall 2018 - Spring 2022

Skills

Programming Languages: Javascript, Node.js, React.js, Python, Typescript, HTML5, CSS, Java, SQL
Software: Git, MongoDB, AWS, Electron, Stripe

Projects

Nokiny's Toolbox (Individual Work) — Sep 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) — Jun 2022–Aug 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 back end routes by leveraging Stripe's API to manage payments

BTC vs Twitter (Group Work) — Jul 2021–Aug 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 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) — Jun 2020–Sep 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) — Apr 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 one second

Experience

Bay State Physical Therapy	**Braintree, MA**
IT Support Specialist	Feb 2021–May 2022

- 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%