

## Kevin Blum

<https://kevinblum.dev>

Highland Park, NJ | 908-448-7266

### EDUCATION

Champlain College, Burlington, VT

May 2018

Bachelor of Science in Computer Science and Innovation with a specialization in Software Engineering, minor in Mathematics

GPA – 3.45 | Awarded Dean's List Honors in Four Semesters

*Relevant Skills:* Python, Javascript, Amazon Web Services / Azure / Google Cloud Platform, Server administration – ESXi, Hyper-V, Windows Server, C++, Java, Linux, Github, Flask, SQL, Powershell scripting, Web development

### RELEVANT EXPERIENCE

Alpine Business Systems – Bound Brook, NJ

*Desktop Consultant / Programmer*

July 2018 – Present

Data Entry / Administration / Support Desk

May 2013 – July 2018, Seasonally

- Developed an application to improve productivity that assists in producing a report on backup monitoring for clients. Python script to scrape emails and utilize APIs from various backup solutions that compiles an updated working list of all client backups. The resulting application automates 35% of the report. The items automated are the slowest to manually check and thus saves 45 minutes of business productivity daily.
- Developing shell scripts for automation of activities such as email migration, computer deployments, Business Email Compromise mitigation via Office 365, etc.
- Working with software deployments and assisting with server configurations for clients – configuring and maintaining proprietary line of business applications as well as server host and networking device firmware updates.
- On call rotation member to monitor and resolve server / network down alerts.
- Working with backup and disaster recovery solutions – Veeam, Datto, StorageCraft.
- Consultation with clients to troubleshoot and resolve issues remotely and onsite, leveraging ITGlue, Datto RMM, Autotask, ConnectWise, and other platforms for problem resolution.

Champlain College – Burlington, VT

Sept 2017 – May 2018

*Senior Capstone Project – Tournament Automation and Prediction*

- Website application built to automate tournament operation using the tournament bracket builder Challonge and its API.
- Machine learning - logistic regression model with Python and Sci-kit Learn to predict outcomes of Super Smash Bros. Melee tournament matches based on Elo rating and other recorded metrics of players from previous tournaments.
- Built using Python with the Flask framework where users can be notified of a match, report matches, check statistics, etc. MySQL for storing user, tournament, and match information.
- Automating the process of tournament organization and operation.