Nathan Rankin
www.nathan-rankin.com

EDUCATION

Boston College; Chestnut Hill, MA   **2018 - Expected 2022**
Bachelor of Science, Major in Computer Science, Minor in Physics
- Sophomore Scholar
- Dean's List First Honors
- Tech Team Lead on the executive board of the Computer Science Society

SKILLS

Computer Science
- Experienced in Java, Swift, C, and full-stack web development including React
- Created a personal portfolio website including a map created using Mapbox GL populated with GeoJSON data and an email form with integrated Google reCAPTCHA protection.
- Developed a Java application for mission and weather briefing for the Connecticut Civil Air Patrol that met the end user's requests for simplicity

Aviation
- Certified Private Pilot (March 2018)
- Instrument Rated (August 2019)

EXPERIENCE

Boston College; Chestnut Hill, MA   **January 2019 - Present**
Computer Science Teaching Assistant
- Facilitate one-on-one and group tutorial sessions
- Grade and provide feedback for 80 student's weekly problem sets
- Facilitate student collaboration via an online forum

Boston Virtual ARTCC; Boston, MA   **December 2019 - Present**
Facility Engineer (pro bono)
- Assist in the continual development of community management website with a user base of over 1500 members featuring exam distribution and test corrections, event management, shift sign-ups, and roster management
- Manage and develop community web tools including an Information Display System that interfaces with FAA databases, weather information, aeronautical charts and live airport information
- Develop and maintain a library of 90 radar client sector files

Spring City Aviation; Milwaukee, WI   **Summer 2019**
Customer Service Representative
- Organized FAR part 135 charter operations including crew and aircraft scheduling and trip logistics
- Supported FBO customer's and flight school student's billing and scheduling needs
- Helped facilitate community outreach events including the annual "flour drop" competition covered by the Milwaukee Journal Sentinel