Nathan Rankin
www.nathan-rankin.com

EDUCATION

Boston College; Chestnut Hill, MA   **2018 - Expected May 2022**
Bachelor of Science: Major in Computer Science, Minor in Physics, Minor in Music
- GPA: 3.75
- Dean's List First Honors
- Served as Tech Lead on the executive board of the Computer Science Society

SKILLS

Computer Science
- Skilled in full-stack web development including AngularJS, React.js, .NET, and SQL
- Knowledgable in RESTful API design and ASP.NET implementation
- Experienced in Java, C, Unix, and C# including .NET Windows Services
- Proficient in team collaboration environments including Git, Azure DevOps/TFS, and Jira

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

EXPERIENCE

Satcom Direct, Inc.; Melbourne, FL   **June 2021 - Present**
Junior Software Engineer
- Work on aircraft movement reports and flight deck connectivity teams
- Develop services that interface between aircraft and data providers including FAA TDLS and CPDLC
Software Engineering Intern (Summer 2021)
- Designed, implemented, and tested internal Angular support website and associated ASP.NET API
- Learned Agile software development methodology

Boston College; Chestnut Hill, MA   **January 2019 - May 2021**
Computer Science Teaching Assistant
- Facilitated one-on-one and group tutorial sessions
- Graded and provided feedback for 80 student's weekly Java problem sets

Boston Virtual ARTCC; Boston, MA (pro bono)   **May 2018 - Present**
Deputy Air Traffic Manager (November 2021 - Present)
- Manages roster of over 150 active volunteers
- Collaborates with VATUSA Northeastern region to develop LOAs and inter-ARTCC events
Facility Engineer (December 2019 - November 2021)
- Managed and updated community web tools including an Information Display System that provides access to FAA databases, weather information, aeronautical charts, and live airport information
- Created video maps and maintained navigation databases sourced from FAA FOIA requests