

Ethan Massey

GitHub: <https://github.com/ethan-massey> LinkedIn: <https://linkedin.com/in/ethan-massey>

Education

University of Virginia, Charlottesville, VA

- Bachelor of Arts in Computer Science (Class of 2021)
- Bachelor of Arts in Music
- Coursework including data structures, algorithms, cybersecurity
- GPA of 3.55

Work Experience

Software Engineer Intern at Northrop Grumman (Summer 2020)

- Security Clearance: Secret (Active)
- Joined a team working on the Combat System Simulations Development (CSSD) program, providing real-time modeling and simulation software systems to support Combat System development, certification, and training
- Developed object-oriented software using C++, C#, and Lua for Windows and Linux operating environments

Software Engineer Intern at MusicToday (Summer 2019)

- Implemented front-end changes to the content management system using JavaScript, Groovy, and the Grails framework resulting in a more intuitive experience for users and administrators
- Collaborated with a team of developers using Agile methodologies, working in 2-week sprints and participating in daily stand-up meetings

Software Engineer Intern at HackCville Launch Academy (Spring 2019)

- Studied and practiced software engineering through hands-on projects (ReactJS web applications) in a selective 16-week intensive program
- Practiced communication and public speaking by conducting frequent technical presentations

Other Activities

Trumpet Player for the Charlottesville Symphony Orchestra (Fall 2017-present)

- Performs masterworks of the instrumental repertoire with professional musicians, community members, and musicians of UVA

Co-founder of the Tri-M Honors Society Crescendo Music Award (2017)

- As president, co-founded a music scholarship that provides free professional lessons for promising middle school students
- Raised over \$600 in the inaugural year

Technical Skills

Languages: C++, Python, Java, JavaScript, SQL

Tools/Tech: Git, ReactJS, MySQL, JSON, Linux, Unix, ExpressJS, Django