

John D. Duncan, III

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Education

Bachelor of Science in Computer Science (Honors) and Philosophy (Honors)

Gettysburg College, Gettysburg, PA

Capstone Class of 2017	Computer Science <i>Adam's Wellness Family Connection</i> Outstanding Computer Science Student Award	Advisor: Dr. Rod Tosten
Capstone Thesis	Philosophy <i>Infinite Horizons: The World to Mind Question</i> <i>Virtual Futures: Virtuality as Political Praxis</i>	Advisor: Dr. Daniel DeNicola Advisor: Dr. Lisa Portmess
2016–2017 Co-leader Treasurer	Extracurricular Eisenhower Institute Undergraduate Fellow Gettysburg Political Philosophy Collective Gettysburg College Independents	

Employment

2018–2024 2022–2024 2020–2022 2018–2020	Quorum Analytics Senior Software Engineer, Technical Lead Software Engineer II Software Engineer Python, Django, PostgreSQL, React, JavaScript, HTML, CSS, Redux, D3, React Native	Washington, DC (50 to 70 hours/week)
Summer 2016	Massachusetts Institute of Technology: Lincoln Laboratory Research Intern Java, Android SDK, Google Maps SDK, JavaScript, HTML, CSS, SQL	Lexington, MA (40 hours/week)

Quorum

Responsible for collecting, interpreting, organizing, and presenting legislative and user-generated data on the Quorum B2B SaaS civic tech platform. During my tenure at Quorum, I designed, built, and maintained most of its flagship products, features and critical systems.

Projects	PAC Hybrid PAC Search UI/UX Dashboards Transcripts Bulk Actions Regulations Search	Search/Performance Lead, Team of 8 Search/Dashboards Performance Lead, Team of 8 Technical Lead, Team of 3 Technical Lead, Pair Front-end Lead, Pair Technical Lead, Independent Front-end Lead Pair
Leadership	<ul style="list-style-type: none">Full-stack Guild LeaderMentored two apprentice software engineers through the Quorum Accelerate ProgramOnboarding mentor to two full-stack engineers and an engineering manager	
Duties	Code review, deployment, 24hr on-call, ui/ux design, interviews (phone/onsite, technical/design), "Learning Lab" presentations, devops, legacy maintenance, technical design documents, documentation, performance, accessibility, and browser research	

Massachusetts Institute of Technology: Lincoln Laboratory (MIT LL)

Worked on the Local Evacuation Alert Verification (LEAV) program for HURREVAC-eXtended (HVX) with the Humanitarian Assistance and Disaster Relief Systems group

Designed and built an Android application for end users (LEAV) and a JavaScript (EXT-JS) module for the Emergency Manager front-end (HVX)