Daniel S. Nelson
Communicator | Full-Stack Developer

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Technical Skills

Dynamic & Reactive Web Development | React.js, JavaScript, HTML5, CSS3, Bootstrap
Data-Driven Computing | jQuery, RESTful APIs, JSON, AJAX
Back-End Development | Node.js, Express.js, MySQL, Sequelize, NoSQL (MongoDB), Insomnia
Scripting | Python, Linux bash/shell, Unit testing
Progressive Web Application | Asynchronous & Distributed Computing
General Computer Science | Data Structures, Algorithms, Resource Management

Education

University of Pennsylvania | Philadelphia, PA   May 2022
Full-Stack Web Developer Certificate

University of Pennsylvania | Philadelphia, PA   May 2010
Doctor of Philosophy, Music Composition

Cornell University | Ithaca, NY   May 2006
Bachelor of Arts, Magna cum Laude

Experience

Music Director | **Organist**   2016 – 2022
Church of St. John the Evangelist | Blackwood, NJ

· Rehearsed and directed performances of choir, soloists, and chamber ensembles.
· Originated, planned, and hosted events for diverse communities.
· Regularly performed music in live settings, including frequent improvisation and original compositions.

Composer | **Arranger** | **Orchestrato**r   2006 – Present
Self-employed

· Composed, conducted, and performed scores and sound design for professional film and commercials.
· Wrote music for and provided clinics for area college, high school, and middle school student ensembles.

Membership & Development Coordinator   2011 – 2013
The Library Company of Philadelphia | Philadelphia, PA

· Managed membership and giving databases, performed queries, and generated reporting.
· Maintained reporting for annual budget of $2.5 million.
· Drafted grant proposals and processed and acknowledged all giving.

Institutional Strategy & Planning Intern   2011
Kimmel Center, Inc. | Philadelphia, PA

· Managed member database and maintained personal member contact.
· Assisted in administration of the first Philadelphia International Festival of the Arts.

Graduate Instructor   2008 – 2010
University of Pennsylvania Department of Music | Philadelphia, PA

· Designed and taught introductory and upper level music theory and musicianship courses.
· Developed course syllabi, created lesson plans, and conducted regular lectures.
· Managed concerts and events.