

GRANT FURGIUELE

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EDUCATION

New York University, M.M. Music Technology, New York, NY

- Expected Graduation 2019, Current GPA: 4.0

Relevant Coursework

Electronic Music Performance (Dafna Naphtali)	Digital Signal Theory (Ernesto Valenzuela)
Advanced Computer Music Composition (Carlos Guedes)	Mastering (Alan Silverman)
Advanced Musical Acoustics (Ernesto Valenzuela)	

Iowa State University, B.S. Computer Engineering, Ames, IA

- Minor in Music Technology

Relevant Coursework

MIDI & Digital Audio	Signals & Systems 1
Electronic Music Synthesis	Electronic Circuits & Systems (1 & 2)
Computer Organization & Design	Computer Networking & Data Communications

SOUND DESIGN

<i>The Big Meal</i>	Hovey Players Theatre	dir. Rachel Fennell	Waltham, MA
<i>The Pillowman*</i>	Hovey Players Theatre	dir. Michelle Aguillon	Waltham, MA
<i>Coyote on a Fence</i>	The Hub Theatre Company	dir. Daniel Bourque	Boston, MA
<i>The Graduate</i>	Arlington Friends of the Drama	dir. Joe Stallone	Arlington, MA
<i>Echoes of Them</i>	Emerson College	dir. Nick Malakhov	Boston, MA
<i>Disgraced</i>	The Umbrella	dir. Michelle Aguillon	Concord, MA
<i>Proof</i>	The Nora Theatre Company	dir. Michelle Aguillon	Cambridge, MA
<i>An Education in Prudence</i>	Open Theatre Project	dir. Pascale Forestal	Boston, MA
<i>Marjorie Prime (March 2018)</i>	Hovey Players Theatre	dir. Michelle Aguillon	Waltham, MA

* Nominated for 2017 EACT DASH "Best Sound Design (Play)"

AUDIO ENGINEERING

- Freelance Work
 - Recording and mixing audio for clients, both in session and live in concert.
 - Some clients include: Winchester High School Choirs, Calliope's Call, Dubuque Chorale
 - Running sound for musical theatre
 - Riverside Theatre Company
 - *Sweeney Todd, A Charlie Brown Christmas*
 - Setting up and working audio for large events

- High Output
 - New England Audio Rental
- Audio Engineer, ISU Department of Music (`07 - `10)
 - Ran audio or video recording equipment during concerts and recitals at Music Hall.
 - Worked in Pro Tools to cut tracks, normalize audio, and prepare for transfer to CD
 - Set up live equipment (mics, monitors, analog mixer, etc) for Jazz Band concerts and ran front of house
 - Performed sound checks and set levels before concerts, and during where applicable (e.g. Jazz Band concerts with soloists).

OTHER RELEVANT WORK

- Performing Artist, Tenor
 - North End Music & Performance Arts Center, *La Cenerentola* (Ensemble), 2016
 - Section Leader & Soloist, Christ Episcopal Church, Needham, MA, 2016-2017
 - Boston Pops Holiday Pops Tour (choir member with Metropolitan Chorale), 2015-2017
 - Member of Vox Futura (Futura Productions recording choir), 2017
- Software Engineer
 - Inferscience (Jul `15 – Dec `16)
 - Startup creating new SaaS healthcare product
 - Contributed to development at all levels, including front-end and server-side logic
 - Built framework for integrating with Electronic Medical Record vendors and their products to obtain patient data
 - McKesson (Nov `13 – Jul `15)
 - Supported operations of internal systems by researching and fixing processing errors to ensure uptime – often writing SQL queries to obtain information or update database tables
 - Maintained and updated old software to fix long known bugs and memory leaks, including systems in C, Unix Shell, and Java
 - DISTek Integration (Jul `10 – Nov `13)
 - Worked on-site at John Deere, developing real-time software using C on Infineon microcontrollers for agricultural and construction machinery
 - Developed software to interact with all parts of the microcontroller hardware including CAN, GPIO, EEPROM, A2Ds, the SPI bus, and FLASH memory
 - Developed model-based software in MATLAB/Simulink for machine systems such as transmission gear shifting and ground speed limiting