

Sebastian Rodriguez

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EDUCATION

CARNEGIE MELLON UNI.

Grad. May 2020 | Pittsburgh, PA
**BS IN TECHNOLOGY AND SONIC
 PRODUCT INNOVATION**
 (STUDENT DEFINED MAJOR)
BUSINESS ADMINISTRATION MINOR

ST. THOMAS AQUINAS HIGH SCHOOL

Grad. May 2015 | Davie, FL

COURSEWORK

UNDERGRADUATE

Fundamentals of Programming and
 Computer Science
 Principles of Imperative Computation
 Parallel Distributed Processing
 Multimedia Processing for the Arts
 Computer Music
 Practical Data Science

Graphic Media Management
 Intermediate Microeconomics
 Intermediate Macroeconomics
 Funding Entrepreneurial Ventures
 Business Communications
 Business Presentations
 Marketing I
 Operations Management

SKILLS

PROGRAMMING

Proficient:
 MAX MSP • Python • HTML
 CSS • C • Nyquist SAL • Bash • Java •

Jupyter Notebook • Anaconda • Object
 Oriented Programming

SQLite • Pandas • Numpy • \LaTeX •
 JavaScript • Shell • Tkinter

SKILL TITLE

Leadership • Teamwork • Time
 Management • Versioning •
 Design Thinking • Technical Research •
 Prose • Grammar • Collaboration •
 Critical Thinking • Reading • Organization

EXPERIENCE

MUSIC FREELANCE | PRODUCER AND AUDIO ENGINEER

December 2021 – Present | NY

- Aligned and created emerging content with greater pre-existing architecture, including the launch of an all-new product.
- Maintained and contributed to public and internal facing documents while balancing guidelines with creating original content
- Excelled in learning and refining toolchains, processes, and style practices.

SALESFORCE INC | TECHNICAL WRITER

June 2021 – March 2023 | NY

- Aligned and created emerging content with greater pre-existing architecture, including the launch of an all-new product.
- Maintained and contributed to public and internal facing documents while balancing guidelines with creating original content
- Excelled in learning and refining toolchains, processes, and style practices.

PELOTON INTERACTIVE, INC. | SALES SPECIALIST

October 2020 – January 2020 | Pittsburgh, PA

- Propelled honing of team and customer-facing communicative practices.
- Integrated and improved sales tactics within the showroom, in a collaborative and focused environment.

FLAGS - TC INTERNATIONAL | INTERN

May 2019 – August 2019 | Port of Spain, TT

- Digitized file management system for real estate operations.
- Worked in self-storage management for storing and organizing proprietary physical records.

RESEARCH

SIMPLE SOUND | CREATOR

December 2019 – May 2020 | Pittsburgh, PA

- Invented a music creation software designed for all ages, roughly 5-80.
- Specialized in all aspects of creation, such as design, marketing, programming, and artistry.

COMPOSING COMPUTER MUSIC | AUDIO PROGRAMMER

Nov 2019 – Dec 2019 | Pittsburgh, PA

- Honed programming skills via use of Nyquist IDE, a command-line signal processing software.

DATA SCIENCE WITH MUSIC | RESEARCHER

Sept 2019 – Oct 2019 | Pittsburgh, PA

- Fabricated an intuitive walk-through explaining the methods used in gathering, processing, and interpreting data.

NEURAL NETWORKS FOR MUSIC | RESEARCHER

Mar 2019 – May 2019 | Pittsburgh, PA

- Orchestrated training and testing of simple and complex neural networks using Light Efficient Network Simulator. **LENS**.

INTERESTS

When I'm not working on a cool side project or experimenting with music, I'm either skating with friends or diving headfirst into Stephen Crane novels or Whitman poems.