

# 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

### SALEFORCE | TECHNICAL WRITER

June 2021 – Present | PA (Remote)

- 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 improved salesforce tactics within the Peloton Pittsburgh Showroom on a collaborative and focused team.
- Diligent in adapting in-person communication to diverse customer demographics.

### FLAGS - TC INTERNATIONAL | INTERN

May 2019 – August 2019 | Port of Spain, TT

- Propelled team tasked with updating and digitizing file management system for real estate operations.
- Worked in self-storage management, spearheading upkeep of the company's software for storing and organizing proprietary physical records.
- Collaborated on as many as to 4 large-scale projects at once. Roles included: c communication, timeline management and oversight, as well as widget creation efficient software use.

## 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

- Studied under Audacity creator **Prof Roger Dannenberg** and **Prof Jesse Stiles**.
- Honed programming skills via use of **Nyquist IDE**, a 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.
- Coded the demonstration in a Jupyter Notebook using Python, creating an easy-to-understand execution of analyzing data (in this case, music).

### 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.