

# Sebastian Rodriguez

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## EDUCATION

### CARNEGIE MELLON UNIVERSITY

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

## 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  
 Operations Management

## SKILLS

### TECHNICAL

Adept:

Python • HTML • CSS • C • MAX MSP •  
 Nyquist SAL • YAML • Git • Terminal CLI  
 • Apex • Bash • Java • Jupyter •

Anaconda

• XML • Acrolinx • Markdown • SnagIt •  
 MS Office: Word, Excel, and Powerpoint

Proficient:

SQLite • Object Oriented Programming •  
 Pandas • Numpy • L<sup>A</sup>T<sub>E</sub>X • JavaScript •  
 Shell • TKinter • Salesforce Admin •  
 Heroku • TypeScript • Oxygen Editor •  
 ruby • jekyll • bootstrap

### QUALITATIVE

Teamwork • Leadership • Time  
 management • Agile Methodologies •  
 Design thinking • Workflow coordination  
 • Logical reasoning • Grammar •  
 Collaboration • Critical thinking •  
 Diligence • Inventiveness •  
 Relationship-building • Communication

## PROFESSIONAL SUMMARY

Experienced technical writer with a passion for creating educational content and a collaborative approach. Achieved up to 85% reduction in documentation publishing time through the implementation of a new toolchain and developed a scalable automation tool that boosted document conversion from days to minutes.

## EXPERIENCE

### SALESFORCE INC | TECHNICAL WRITER

June 2021 – March 2023 | NY

- Produced and updated internal and external documentation on a daily basis, as well as weekly creation and publication of original content enabling users to increase velocity and free up computational bandwidth for customers.
- Successfully led the closed beta and general launch of Salesforce Functions, managing documentation of the elastically scalable platform.
- Utilized depth of technical knowledge to upskill users on creating their own Functions-as-a-Service (FaaS) using programming languages such as Python, Typescript, JavaScript, and Java.

### PELOTON INTERACTIVE, INC. | SALES SPECIALIST

October 2020 – January 2021 | 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

- 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**.