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 • ChatGPT • Markdown • SnagIt • MS Office: Word, Excel, and Powerpoint
Proficient:
SQLite • Object Oriented Programming • Pandas • Numpy • LaTeX • 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 HIGHLIGHTS

Passionate writer with a cross-functional approach focused on publishing accessible content. Achieved 85% reduction in publishing time through the implementation and creation of scalable automation tools, reducing document conversion from days to minutes. Self-motivated and coach-able creator experienced in software development and creative writing.

EXPERIENCE

SALESFORCE INC | Technical Writer
June 2021 – March 2023 | NY

- Produced and updated internal and external documentation on weekly deadlines, as well as daily creation and publication of original content enabling users to increase velocity and free up computational bandwidth for customers.
- Steered product through closed beta and successful launch of Salesforce Functions while self-managing documentation of the elastically scalable platform.
- Upskilled users on creating their own Functions-as-a-Service (FaaS) using programming languages such as Python, Typescript, JavaScript, and Java with handy technical knowledge.

PELOTON INTERACTIVE, INC. | Sales Specialist
October 2020 – January 2021 | Pittsburgh, PA

- Propelled and honed the team's customer-facing communicative practices.
- Integrated and refined user data practices in showroom's CRM software while in a collaborative and fast-paced environment.

FLAGS - TC INTERNATIONAL | Intern
May 2019 – August 2019 | Port of Spain, TT

- Digitized file management system for real estate record keeping and customer reach out.
- Optimized self-storage management and streamlined proprietary record-keeping standards.

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

- Collaborated with under Audacity creator **Prof Roger Dannenberg**
- Honed programming skills via use of **Nyquist IDE**, a signal processing software.

DATA SCIENCE WITH MUSIC | Researcher
Sept 2019 – Oct 2019 | Pittsburgh, PA

- Fabricated intuitive walk-through explaining the methods used in gathering, processing, and interpreting data.
- Coded Python demonstrations using Jupyter Notebook, creating an digestible execution of data analysis about music preferences.

NEURAL NETWORKS FOR MUSIC | Researcher
Mar 2019 – May 2019 | Pittsburgh, PA

- Researched user tendencies with training and testing of neural networks using Light Efficient Network Simulator **LENS**.