

# RODRIGO ROMAN

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## EDUCATION

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| <b>Minor in piano performance</b> , Conservatorio de las Rosas | Aug 2011 - Jul 2014 |
| <b>Bachelor of Music</b> , San Francisco State University      | Jan 2015 - May 2016 |
| <b>Bachelor of Computer Science</b> , Wesleyan University      | Aug 2016 - May 2020 |
| <b>Bachelor of Music</b> , Wesleyan University                 | Aug 2016 - May 2020 |
| GPA 3.43   |                     |

## RELEVANT COURSE WORK

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|-------------------------|---|
| <b>Computer Science</b> | COMP321 Design of Programming Languages<br>COMP312 Algorithms and Complexity<br>COMP360 Artificial Intelligence                                 |
| <b>Music</b>            | MUSC109 Intro To Experimental Music<br>MUSC220 Com, Perf, and Listening to Experimental Music<br>MUSC409 Senior Thesis Tutorial(Ronald Kuivila) |

## PROGRAMMING EXPERIENCE

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### Phylogeny for the mitochondrial DNA sequences using UPGMA

- Wrote a program that reads the name of some species with their DNA sequence and returns a tree of their genetic distances. Nov 2016

### Classification algorithm to automatically label news articles

- Achieved 100% accuracy classifying news-articles in categories like Finance, Government, and Sports using Naive Bayes Classification. May 2017

### Pacman Berkeley Project

- Designed a perceptron classifier, a large-margin (MIRA) classifier, and a perceptron classifier for behavioral cloning. November 2019

## COMPOSITIONS

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### Nudo Falso

- Electronic composition made from recordings and sampling whose main purpose is to exhibit the spectrum of the sound recorder.

### Untitled1, Untitled2

- Two pieces written for a recital at Wesleyans World Music Hall.

## TEACHING EXPERIENCE

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### Voluntary piano and music theory professor,

- Directed a music academy at my hometown, where I taught individual piano and theory classes for students of low income. I also led a SuperCollider Summer Workshop June 2013-Sep 2019

### Teaching assistant for COMP112: introduction to programming,

- Helped professor James Lipton teaching a python course to Puerto Rican students affected by the Maria hurricane Dec 2017

## PROGRAMMING LANGUAGES

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Python, OCaml, SML, Java, SuperCollider, Assembly, L<sup>A</sup>T<sub>E</sub>X