

# Nils Olsson

PHONE (619) 292-1338  
EMAIL nilso@enosis.net  
ADDRESS 2720 Gregory St, San Diego, CA 92104

WEBSITE <https://nilsso.github.io>  
GITHUB <https://github.com/nilsso>  
LINKEDIN <https://linkedin.com/nilsso>

## OBJECTIVE

---

((INSERT TAILORED OBJECTIVE MESSAGE HERE))

## EDUCATION

---

### SAN DIEGO MESA COLLEGE (2010–2018)

Degrees earned:

- Associate of Arts: Music Studies
- Associate of Arts: Mathematics

### SENIOR TUTOR (2016–2018)

- Senior music and computer science tutor at Mesa college
- Covered music theory, ear training, piano, voice, C/C++, Java, C#, Microsoft VB, Excel and Access

### SAN DIEGO STATE UNIVERSITY (2018–PRESENT)

Degrees in progress (expected 2020):

- B.S. Applied Mathematics:  
Emphasis in Computational Science

### SAN DIEGO CITY ROBOTICS CLUB (2013–2014)

- Served as software team leader
- Participated in RoboSub competition, 2014 season

## COMPUTER SKILLS

---

### LANGUAGES

- C/C++, Java, Python, Lua, SQL and  $\text{\LaTeX}$

### TOOLS

- Command line, Vim, Git, CMake, Gradle
- Major IDEs (Visual Studio, Eclipse, Netbeans, IntelliJ, etc.)

### OTHER TECHNOLOGIES

- APIs and Frameworks: Qt, OpenCV, SDL, NumPy
- Databases: MySQL, PostgreSQL, MariaDB
- Design patterns: MVC, singleton, command, OOP
- DevOps: AWS, Docker, Heroku
- Operating system: Linux, macOS and Windows

## PROJECTS

---

- WEBSITE: Houses my notes on a wide variety of subjects, including mathematics, music and programming
- CALCULATOR PROJECT: Final project for Data Structures in C++ class at Mesa College. Exemplifies several design patterns: commands, singletons, chain of responsibility

## OTHER SKILLS

---

- SELF STARTER: Learned programming in 2010 via the game World of Warcraft
- MUSICALLY INCLINED: Spent several semesters singing in the Mesa College vocal ensemble; have gone on tours and performed solo in New York, Connecticut, Sacramento, Puebla Mexico, Poland and Czech Republic. Currently singing semi-professionally for a San Diego church