

## Giancarlo Felice Ermes Garbagnati

8650 Via Mallorca Apt. G, La Jolla, CA 92037

(408) 348-6278

giancarlo.garbagnati@gmail.com

**OBJECTIVE** To obtain a full-time entry level or internship position in a biological research or biotechnology laboratory where I can apply my acquired classroom knowledge and laboratory skills.

### **EDUCATION B.S., Molecular Biology**, June 2010

University of California, San Diego (UCSD)

Major GPA: 3.35

Minor: Environmental Systems

### **SAMPLE COURSEWORK**

#### *Biology/Chemistry Theoretical Coursework*

- Molecular Biology
- Cell Biology
- Microbial Genetics
- Chromatin and Gene Expression
- Fundamentals of Plant Biology
- Structural and Metabolic Biochemistry
- Evolution
- Organic Chemistry

#### *Laboratory Coursework*

- Recombinant DNA Techniques
- Biochemical Techniques
- Plant Molecular Genetics and Biotechnology
- Undergraduate Research Explorations in Genomics
- Organic Chemistry

#### *Environmental Systems Coursework*

- Environmental Biology

### **SKILLS**

- Experience using laboratory techniques and skills including, but not limited to: dilutions, pipetting, titration, aseptic technique, gel electrophoresis, nucleic acid extraction, PCR, gene annotation (*Drosophila* species)
- Demonstrated use of most standard laboratory equipment
- Experienced using academic database search engines (ISI Web of Science, PubMed, Google Scholar) and bioinformatics tools (BLAST, FlyBase, consed)
- Programming experience working with Java and C, currently learning python
- Proficient using Windows operating systems and experience with Linux operating systems
- Detail-oriented, highly motivated to learn, ability to follow detailed procedures/protocols with minimal supervision
- Able to work well as part of a team as well as independently

### **WORK/INTERNSHIP EXPERIENCE**

#### **Natural Reserve System Herbarium Intern**, Natural Reserve System, UCSD, La Jolla, CA, (09/2009-09/2010)

- Development of a master plant species list for observed species on the reserves and herbarium specimens
- Identification (using dichotomous keys) and collection of plant specimens for herbarium preservation
- Seed bank analysis of Dawson Los Monos Canyon Reserve
- Assistance with general maintenance of reserves

#### **Associated Students (A.S.) Lecture Note-Taker**, A.S. Lecture Notes, UCSD, La Jolla, CA, (01/2010-03/2010)

- Attended lecture for a class (BIEB150 - Evolution) and produced typed copies of class notes each week

#### **Undergraduate Research Assistant**

Professor Lin Chao's Lab, Section of Ecology/Behavior&Evolution, UCSD, La Jolla, CA, (03/2009-09/2009)

- Assisted with culturing of *S. mediterranea* and with the development of *S. mediterranea* culturing procedures
- Worked on modeling the evolution of senescence in *E. coli* and *S. mediterranea* using theoretical computer models

#### **Daycare Worker/Tutor**, St. Frances Cabrini School, San Jose, CA, (10/2002 – 06/2005)

- Supervised and tutored children grades 5-8 in an after-school daycare program

### **EXTRACURRICULAR ACTIVITIES**

Co-president, Human and Earth Rights Organization, 2008-2009

Disc jockey, KSDT Radio, 2006-2009

Member, Social and Environmental Sustainability Committee, 2008-2009

Member, Muir Residents Council, 2005-2006