

OBJECTIVE

Position in bioinformatics using knowledge of genetics, lab skills, programming skills and interpersonal skills

EDUCATION

Bachelor of Science, Biological Sciences
Minor: Computer Science
University of Maryland, College Park, MD

Expected December 20XX**TECHNICAL SKILLS**

Lab Skills: PCR-based cloning, Spectrophotometry, NMR & IR Spectroscopy, Assays, Gel Electrophoresis, BLAST Database, Chromatography (Thin Layer & Column), protein assays, DNA Laddering Assay, SDS1PAGE/Western Blotting, bright field and fluorescence microscopy.

Programming Languages: *Advanced:* C , Java, C++, HTML; *Intermediate:* SQL, OCaml; *Beginner:* Ruby on Rails, C#, Python.

RESEARCH EXPERIENCE

Intern **September 20XX – December 20XX**

Molecular Genetics Lab, UMD-College Park, MD

- Performed phenotypic screen for developmental and response mutants in *C.elegans* and *A. thaliana*.
- Carried out PCR-based cloning of the human genome.
- Identified plant transformation with reporter gene constructs.
- Performed genotypic mapping of a phenotypic mutant using molecular markers to determine chromosomal location of a mutation.

Intern **May 20XX – August 20XX**

Boice-Willis Clinic, Rocky Mount, NC

- Established base knowledge in Cardiology and learned about various diseases and cardiac testing.
- Assisted the physician in establishing a database on patients undergoing heart surgeries.
- Compiled and wrote educational materials for the patients.
- Led a group of five students interviewing doctors from local hospitals.

Intern **June 20XX – December 20XX**

Catholic University of America, Washington DC

- Collaborated with graduate students involving the fruit fly *Drosophila melanogaster*.
- Studied the rules of genetic inheritance by establishing a database of the *drosophila* genome.
- Involved in a seminar with other students on the topic of developmental biology.

OTHER EXPERIENCE

Staffer **May 20XX – Present**

Adult Health and Developmental Program, UMD-College Park, MD

- Apply gerontological health and well-being theory in one-to-one interaction with older institutionalized and non-institutionalized adults.
- Coach adults in different physical activities.
- Learn about the historical and cultural aspects of aging and implications for assisting adults.

Shift Manager, Cashier **August 20XX – August 20XX**

Sears Inc., Silver Spring, MD

- Provided excellent customer service and public relations, worked with and communicated as a team to maintain cleanliness and service for our customers.
- Supervised 5 cashiers per shift and trained 8 new cashiers in my two years with the organization.

Volunteer **May 20XX – June 20XX**

DC Health Care Inc., Washington DC

- Examined many medical departmental procedures.
- Talked with patients and clients, and prepared medical reports for each.