

Robert G. Tech

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OBJECTIVE: To obtain a research internship that applies my educational training in biotechnology.

EDUCATION: **JAMES MADISON UNIVERSITY**, Harrisonburg, VA
Bachelor of Science, May 2011
Major: Biotechnology *Minor:* Spanish
Cumulative GPA: 3.95 Major GPA: 3.93

Honors: *President's List* – Fall 2007 – Fall 2009
Dean's List – Spring 2010

SCIENTIFIC COURSEWORK: Cell Biology for Biotechnology Ethical Implications of Biotechnology
Biotechnology for the New Millennium Science & Technology in Government Systems
Biotechnology in Industry & Agriculture Social Context of Modern Technology

LABORATORY SKILLS

- Utilized PRC techniques to replicate isolated DNA sequences and cloned DNA into plasma vectors.
- Transformed bacteria with purified recombinant DNA and analyzed using gel electrophoresis and mapping techniques.
- Studied current techniques for genetic engineering, heterologous gene expression, and biomanufacturing.
- Maintained a laboratory notebook compliant with standards of the biotechnology industry.

RESEARCH SKILLS

- Investigating regulation of stem cell research to propose a framework for international regulations of stem cell research as an independent study project.
- Produced technical reports and presentations of experimental results with team of peers.
- Developed and executed a team research project to integrate psychological concepts in a social setting, following regulatory and ethics considerations of human-subject research.
- Assisted Biotechnology professor develop a center to encourage creative thinking in science and technology.
- Contributed to writing a publication describing a creative thinking center in science and technology.
- Compiled an extensive, annotated bibliography of a biotechnology topic using library and internet research skills.

LEADERSHIP SKILLS

- Chosen by the Biotechnology Student Coordinator to serve as a teacher's assistant.
- Served as an Honor's Program Mentor to underclass honors students.
- Committee head and volunteer for a program targeting services for at-risk children
- Initiated and lead a group tutorial session as an honors project for Instrumentation and measurement class.

ACTIVITIES: Member, *Biotechnology Honor Society* 2008-2010
Member, *National Society of Collegiate Scholars* 2008-2010
Member, *Golden Key International Honor Society* 2007-2010

EXPERIENCE: Teacher Assistant, Dr. Hal Rojy, Biology Department, JMU Fall 2010 – Spring 2011
Mentor, Honor's Program, JMU Fall 2009 – Spring 2011

References available upon request