**Michael T. Biology**429 Any Street, Anytown, New York 12345 | 555.555.2555 | name1@binghamton.edu

**Education**

**Binghamton University, State University of New York**
Bachelor of Arts in Biology, expected May 20XX

**Finger Lakes Community College (FLCC),** Canandaigua, New York
Associate of Science in Biotechnology, May 20XX

**Skills**

**Laboratory:** calculations, unit conversion, notebook keeping, safety protocol, sterile technique
**Equipment:** light microscope, balances, spectrophotometer, pH meter,
micropipettes
**Laboratory Techniques:** electrophoresis, cell/bacterial culture, Gram staining, genetic transformation, PCR
**Imaging:** Gel Doc XR unit, Adobe Creative Suite software, image processing & printing
**Computer:** HTML/CSS, Windows and Mac OS, data analysis, system building/repair

**Research**

**Research Assistant, QUEST REU, 6/XX-8/XX**

Annis Water Resources Institute | Muskegon, Michigan

* Developed a research project that focused on differentiating between field vs. streambank erosion in the Lake Macatawa Watershed
* Recorded levels of sediment erosion using a system of horizontal staves in stream sites that displayed a valid representation of the entire watershed
* Created a minimally-invasive data collection protocol specific to extremely sensitive streambanks
* Participated in several NSF funded projects through Steinman Lab including Muskegon Lake long-term monitoring, Project Clarity: Macatawa restoration, and Bear Lake Restoration
* Gathered hydrologic data using a YSI 6600 and processed water samples in the lab

**Class Projects**

**Genetic transformation of *Escherichia coli* with pGLO/GFP**, April 20XXBinghamton University, Binghamton, NY

* Induced competence of E. coli cells, introduced pGLO plasmid
* Analyzed transformation efficiency

**Analysis of cytotoxicity of hydrogen peroxide**Finger Lakes Community College, February 20XX

* Applied knowledge of cell culture techniques to separate and provide nutrients for a primary culture of CHO cells
* Prepared a control culture and two experimental cultures to subject to 100 mM and 200 mM hydrogen peroxide
* Determined degree of toxicity by counting cell populations in the
experimental and control groups

**Demonstration of evolutionary divergence by SDS-PAGE**Finger Lakes Community College, November 20XX

* Obtained samples of muscle tissue from a variety of freshwater fish
* Prepared myosin and actin protein samples for analysis by polyacrylamide gel electrophoresis
* Compared differences in muscle proteins to known phylogenetic
information

**Work Experience**

**Technical Support** October 20XX–May 20XX

Help Desk, Binghamton University

* Answered support calls from faculty and students.
* Documented problems to be interpreted and solved by technical staff.
* Applied computer knowledge to solving issues not requiring technical staff.

**Library Assistant** September 20XX–May 20XX

Charles J. Meder Library, Finger Lakes Community College

* Assisted senior library staff with the daily operation of the circulation desk and library computers.