

Roger Steele Cornell, II

Contact Information:

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EDUCATION

Marist College | Poughkeepsie, NY | 2017

Candidate for Master of Science degree in Information Systems Management

Honors: Marist Graduate Academic Award

Northeastern University | Boston, MA | 2015

Bachelor of Science Degree in Health Science

Concentration: Pre-Medical Studies

Honors: GPA: 3.5 | Dean's List | Dean's Scholarship

Undergraduate activities: Phi Delta Theta Fraternity | Husky Energy Action Team | EMT Interest Group | Co-op Connections

WORK EXPERIENCE

LI Gonzer Associates | Albany, NY (current)

October 2015-present

IBM Research Division | Contract Employee – Process Engineer, Metrology

Massachusetts Eye and Ear Infirmary | Boston, MA

January 2014 – September 2014

Ophthalmology Department - Technician

- Facilitated, interpreted and troubleshooted various vision testing and retinal imaging assessments for patients at the request of attending physicians
- Attained strong proficiency in the usage and operation of various medical imaging equipment including optical tomography machines, fundus photography cameras, lensometers and sonic pachymeters
- Sustained clear and coherent professional demeanor while providing instructions to patients, addressing special needs, and presenting results to attending physicians
- Developed a keen understanding of perimetry, pachymetry, retinal photography, optical tomography and other clinical ophthalmic diagnostic techniques
- Trained on the LMR electronic medical record system in order to record patient data and other information

The Broad Institute of MIT and Harvard | Cambridge, MA

May 2012 - February 2013

Research Associate - Cancer Program: Golub Lab

- Integral member of a multidisciplinary team of biologists, and computational biologists developing the Connectivity Map, a cutting edge public database of genome wide gene-expression profiles from various human cell lines and cell states
- Performed all necessary wet laboratory work involved in data production for the L1000 assay
- Operated and programmed robotic liquid handlers, multichannel pipettes, and thermo cycler machines
- Monitored several control metrics to ensure an optimal quality of data output
- Initiated several developmental projects aimed at augmenting the efficiency of the L1000 assay

VOLUNTEER WORK

Boston Marathon | Boston, MA

Annually 2013-2015

ALS Association – ALS Fundraiser Walk | Boston, MA

Annually 2012-2015

SKILLS, INTERESTS AND ACTIVITIES

Leadership Experience

- **Phi Delta Theta Fraternity - Massachusetts Epsilon** | Founding Father | Risk Management Chairman | Presidents' Leadership Conference Attendee | Executive Committee | Recruitment Committee
- **Co-op Connections** – assisted in the planning and implementation of campus events geared towards encouraging networking between students working co-op jobs

Computer Skills

- Proficient in OSX and Windows 7-10, Microsoft Office Suite, Google Application Suite, knowledgeable in OpenOffice Suite
- Networking: general understanding of data communication concepts including switching, routing, subnetting etc.
- Databases: completed coursework on relational databases, relational algebra, database normalization; experience scripting with SQL familiar with MS SQLS management studio
- Scripting experience: basic-intermediate SQL queries, beginner-level experience with Java, PHP and Python
- Introductory experience with Microsoft Visio and UML modeling

