

Ryan Emberling

85 Fallon Drive, Hamden, CT
(203) 803-6446

ryan.emberling@gmail.com

EDUCATION

Carnegie Mellon University - Pittsburgh PA

- Masters in Educational Technology and Learning Science - *Expected Graduation August 2019*

Trinity College - Hartford, CT

- B.S. (with Honors) Mathematics, Philosophy - *May 2013*
- Cumulative GPA: 3.9, Presidential Fellow for Philosophy
- Member of Phi Beta Kappa and Pi Mu Epsilon National Honors Societies

WORK EXPERIENCE

Tutor and Educational Therapist, Freudigman & Billings Educational Solutions (Westport, CT)

Summer 2017-Summer 2018 and Summer 2013-Summer 2015

- Tutored math, physics, programming, and test-preparation
- Profiled students' learning to tailor teaching style to their needs
- Worked with students to remediate memory systems and depth of processing
- Taught strategies for coping with anxiety on assessments and assigned work
- Created reusable course materials for teaching specific content using LaTeX
- Improved data management by adding calculated fields to "Podio" platform, in JS
- Developed analytical tools for aggregating and analyzing test performance data with VBA in Excel

Business Relations Officer, Leader Biomedical (Amsterdam, Netherlands)

Fall 2015-Summer 2017

- Project lead on Design and Development of NovoMem membrane
- Helped to create and oversee QMS compliant to ISO 13485
- Worked with department heads to develop Procedures and Instructions
- Performed trainings on QMS processes
- Key User of SAP ERP system
- Systematized data entry controls
- Created custom SQL queries and reports
- Created digital systems for generating QMS records (Non-Conformities, CAPAs)
- Built numerous multi-file database systems in Excel, with VBA

AUXILIARY SKILLS

- **Programming**
HTML, CSS, Javascript (with node.js, and angular), Python (with anaconda analytics), VBA

INTERESTS

French and German Phenomenology, Zen Meditation, Card Games, Acoustic Guitar

REFERENCES

- **Kim Freudigman**, *Partner at Freudigman & Billings, Educational Solutions:*
kim@freudigman.com
- **Basil Babychan**, *Business Director at Leader Biomedical:*
basil@leaderbiomedical.com