

Benson Chen

(917) 957-2655

bchen27@buffalo.edu

EDUCATION

University at Buffalo (Buffalo, NY) **Fall 2013-Present**

Masters of Science in Environmental Engineering, Expected Graduation December 2018

- GPA: 3.72
- Relevant classes: Statistical Meth. in Civil Eng., Adv. Biological Processes, Physiochemical Unit Processes

Bachelor of Science in Environmental Engineering, May 2017

- GPA: 3.55
- Relevant classes: Hazardous Waste, Treatment Process Eng., Air Pollution

Stuyvesant High School (New York City, NY) **2009-2013**

PROFESSIONAL EXPERIENCE

New York State Erie County Department of Health **Summer 2017**

Public Health Consultant

- Ran beach model simulations to predict *E. coli* concentrations for local Lake Erie beaches
- Assisted in reviewing drinking water and sanitary line extension proposals

New York City Department of Environmental Protection **Summer 2016**

Environmental Health and Safety Summer Intern

- Assisted in Environmental Health and Safety site evaluation, and assessment to ensure work sites follow proper EPA, state, city, and departmental regulations
- Assisted in interdepartmental oversight of projects related to Environmental Health and Safety

ACADEMIC EXPERIENCE

Microbial Source Tracking (Dr. Lauren Sassoubre) **Summer 2018**

- Collected and analyzed environmental samples from Lake Erie beaches and tributaries
- Used culture and molecular-based approaches to identify areas of elevated fecal pollution

Teaching Assistant Position **Spring 2017-Present**

- Air Pollution
- Sustainability
- Fluid Mechanics
- Environmental Engineering

CERTIFICATIONS

FE Environmental (Plan to take in February 4, 2019) **Feb 2019**

SOFTWARE SKILLS

- Computer (Microsoft Office, R Studio, EPANET, SWMM, Surfer, VisualAEM, ArcGIS)
- Lab (qPCR)

ACTIVITIES

Air and Waste Management Association - UB Student Chapter **Fall 2018 – Present**

Ultimate Frisbee **2011 – Present**

- Club president and treasurer for the University at Buffalo's Ultimate Frisbee club (2015-2017)

REFERENCES

Rebecca R. Wightman, PE | Assistant Public Health Engineer
Erie County | Health
503 Kensington Ave., BB 173 | Buffalo, NY 14214
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Lauren Sassoubre, Ph.D | Assistant Professor
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