BRIAN D. CORNET

79 Freeman Rd · Yarmouth Port, MA 02675 · (508) 221-5478 · bcornet@umassd.edu

EDUCATION

University of Massachusetts Dartmouth *(Fall 2019 – Present)*
- Pursuing a BS/MS Degree in Data Science (GPA: 4.00).
- Studying and tutoring in data analysis, numerical optimization, and multimedia communications.

Cape Cod Community College *(Fall 2017 – Spring 2019)*
- Earned an Associate Degree in Liberal Arts with High Honors (GPA: 3.96).
- Studied and tutored in C++, Java, statistics, calculus, discrete, differential equations, and linear algebra.

EXPERIENCE

University of Massachusetts Dartmouth
Research Assistant *(January 2020 – Present)*
- Researching with Dr. Hua Fang's Computational Statistics and Data Science Lab under NSF funding.
- Investigating 60 GHz communications and quantum technologies in mobile health applications.

Seaside Alarms, Inc.
Database Administrator *(August 2019 – Present)*
- Transferred records in DOS-based system into modern SQL database through self-made applications.
- Managing company records and developing new GUI software for administrative purposes.

Cape Cod Community College
Math Learning Center Peer Tutor, Supplemental Instructor *(January 2018 – May 2019)*
- Tutored other students one-on-one in subjects ranging from basic arithmetic to quantum mechanics.
- Led study sessions for physics, calculus, and trigonometry classes following instructor's specifications.

Community Systems, Inc.
Direct Service Provider *(October 2013 – October 2019)*
- Provided personal care to individuals with disabilities, including prescribing controlled substances.
- Maintained records and corresponded with agencies and medical professionals when appropriate.

ACHIEVEMENTS AND AWARDS

- Dean's List *(Fall 2018, Spring 2018, Fall 2018, Spring 2019),* Chancellor's List *(Fall 2019)*
- Phi Theta Kappa member *(Fall 2018 – Present)*
- Cape Cod Community College Math League champion *(Spring 2018, Fall 2018, Spring 2019)*
- Cape Cod Community College Educational Foundation Spring Fundraiser speaker *(Spring 2019)*
- Charles and Sandra Robinson Scholarship recipient *(Spring 2019)*
- Phyllis J. Fleming Scholarship recipient *(Spring 2019)*

APPLICABLE SKILLS

- Proficiency with Python, R, C++, Java, Lua, Assembly, SQL, MATLAB, and Microsoft Excel.
- Experience with large data structures, including for data analysis and presentation.
- Patience and perceptiveness regarding others' abilities, expectations, challenges, and interpretations.
- Adaptability with new industries, concepts, tasks, and tools.
- Flexibility when working independently or in team settings as a leader or member.

Additional references available upon request.