Daniel Bownoth

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Education

The University of Connecticut
Storrs, CT
Bachelors of Computer Science (Expected May 2019)

Employment Experience

University of Connecticut, School of Engineering, Storrs, CT   May 2016 - currently
Student Administrative Specialist for The Engineering Diversity & Outreach Center
 • Worked with various engineering organizations including NSBE, SWE, SHPE, and
   EA to help fulfill their goals
 • Student Coordinator for The Explore Engineering Program
 • Worked to plan and help run various events and programs including the Northeast Regional
   Science Bowl, MYO, EYF, UConn Engineering Open House, STEM Night, etc.

University of Connecticut, CSE Department, Storrs, CT   August 2018 - currently
Teaching Assistant for CSE1010-Introduction to Computing for Engineers
 • Taught two lab sections using Python and Arduino
 • Helped students on homework, concepts, and preparing for exams
 • Graded homework, labs, projects, and exams

University of Connecticut, School of Engineering, Storrs, CT   July 2017 & 2018
Python Programming Teacher for the BRIDGE Program
 • Taught incoming UConn Freshman engineering students Python Programming
 • Created a full curriculum with, lecture slides, programming assignments, and exams
 • Previously a tutor for the BRIDGE program in July of 2016

The Union Street Market, Storrs, CT   November 2014 - August 2016
Shift Lead
 • Managed other student crew members
 • Assigned each worker to positions as needed for the day to run efficiently
 • Administered performance reviews and discipline when needed

Ryder Truck Rental, Hartford, CT   July 2013 to July 2014
Diesel Technician
 • Preformed maintenance of fleet vehicles such as routine preventative maintenance
   inspections, Federal Inspections, brake and tire replacement, electrical issues, etc.

Academic Experience and Skills

 • Systems Programming
 • Object Oriented Programming
 • Data Structures & Algorithms
 • Software Engineering
 • Discrete Systems

 • Logic Circuits
 • Computer Architecture
 • History of Computing
 • Proficient in MATLAB, Python, Scheme,
   Java, and C

Leadership and Organizations

 • National Society of Black Engineers – Member since November of 2015 and current
   Publications Chair for the 2018-2019 Executive Board
 • Northeast Regional Science Bowl Logistics Lead
 • BRIDGE Mentor-Mentee Program Mentor, 2015 - 2018