Charles Meyer

charles.meyer@tufts.edu | github.com/charliemeyer | charliemeyer.co

Education

Tufts University Bachelor of Science, May 2017
GPA: 3.98, Phi Beta Kappa inductee 2016
Majors: Computer Science, Math
Relevant Coursework: Data Mining, Algorithms, Information Theory,
Computational Geometry, Computation Theory, Data Compression, Probability, Statistics,
Graduate Algebra, Real Analysis I/II, Microeconomics, Quantitative Macroeconomics

Experience

Microsoft Corporation 2016
Software Engineering Intern
○ Enhanced performance monitoring for TempDB, a system resource in SQL Server
○ Developed new graphical reports about TempDB for SQL Server Management Studio

Raytheon BBN Technologies 2015 - 2016
Web Engineering Intern
○ Designed and built a new web interface for the GENI research platform
○ Implemented a self service email confirmation and password reset system

Tufts University 2016 - Present
Teaching Fellow, Comp40: Machine Structure & Programming
○ Scheduled TAs for office hours and led review sessions for students
○ Coordinated undergraduate grading of student design document submissions
○ Wrote new readings for students and new lessons for lab sections

Tufts University 2014 - 2015
Teaching Assistant, Comp11: Intro to Computer Science
○ Instructed students in lab settings about computer science topics
○ Taught students problem solving and debugging skills in office hours

Josh Cutler State Representative 2014
Campaign Manager
○ Managed volunteers and organized canvassing and phone banking efforts

Programming Languages

C, C++, Javascript, Matlab, PHP, Python

Technologies

HTML/CSS, jQuery, LaTeX, Heroku, Git, Google App Engine, NodeJS, SQL, Unix

Projects

Data Depth Explorer (link)
○ Web application for learning about different definitions of data depth
○ Created for Tufts Comp163: Computational Geometry

AutoSched
○ Web app for scheduling TAs for office hours based on their availability
○ Actively used by TAs for Tufts Comp40