

Diane Tran
1216 Chelsea Court
Voorhees, New Jersey 08043
(856) 383-2922
diane.tran@rutgers.edu

January 27, 2018

To Whom It May Concern
The MITRE Corporation
Internship Opportunities

I am an aspiring computer scientist at Rutgers University, and I would very much like an internship with the MITRE corporation. I attended a CS Industry Leader MEET & GREET featuring Dr. Michael Martin, the Senior Principal for the Division of Cyber Security at MITRE Corporation. There I learned about the work MITRE does to help the government and improve government programs, and I would love to be a part of that. Dr. Martin recommended that I apply for an internship at MITRE after learning about my skills and interests.

I want to excel in computer science, so, in addition to my courses, I search for opportunities and resources that could aid me in my goal. I joined the Douglass Computer Science Living Learning Community for Women (CS LLC) at Rutgers University. The CS LLC creates an immersive educational environment that promotes success in computer science. During the first semester residents take a course on "Great Ideas and Applications in Computer Science." In addition, each student has a graduate mentor, an undergraduate peer leader, and a faculty advisor as well as community-building programs and events to promote student-faculty engagement. We also gain research experience in CS and participate in study groups and CS-oriented community service. Members of the LLC have opportunities to explore educational themes outside the classroom by integrating interaction with faculty and industry. I applied to a research program and was selected as one of four LLC members that would take a scientific research class and become a research assistant to a professor in the computer science department.

I am proactive, organized, and I have teamwork and leadership skills. I was elected to be the CS LLC Representative for the Rutgers Housing Association, and represented my cohort to our scholarship donors. I also attended the Undergraduate Student Alliance of Computer Scientists (USACS) board meetings and joined the USACS Technology and Outreach committee. Along with choosing the featured projects on the USACS website and promoting events to undergraduates, I am currently looking into fundraising programs to fund new hardware and a virtual youth outreach program to raise interest in computer science early. Over winter break I started teaching myself Python and at the end of the break, I externed at NJ Tech Council where I practiced data analysis and presentation. Upon the start of the semester, I joined FizzBuzz, a computer science interview prep club, and RUMAD, an app development club. The members of RUMAD helped me download Android Studio and create my first quiz app.

My experiences and ever improving skills add to my ability to problem solve and aid me in everything I do. I am very interested in interning with MITRE and I know I can contribute to MITRE's work. I would greatly appreciate an interview to further discuss my qualifications and potential as well as the many opportunities that MITRE offers. I look forward to hearing back.

Thank you for your consideration.
Sincerely,

Diane Tran