

BRIAN L. TANG

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Websites
github.com/btangsp
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ABOUT ME

- Michigan Native
- Lifelong Learner
- Detail-Oriented

Software

Microsoft Word		12 Years
Microsoft PowerPoint		12 Years
Microsoft Excel		12 Years
Adobe Photoshop		7 Years
Adobe Illustrator		7 Years
Git		5 Years

Programming Language

Python		6 Years
C++		4 Years
HTML		4 Years
CSS		4 Years
Javascript		2 Years
Matlab		2 Years

MY EDUCATION

2020 - Current (Expected Graduation 2021)

Northwestern University

Evanston, IL

Master of Science in Computer Science

2014 - 2018

University of Michigan

Ann Arbor, MI

Bachelor of Science in Chemistry

Minor in Computer Science

RELEVANT COURSES

2016 Discrete Mathematics

2017 Data Structures & Algorithms

2018 Artificial Intelligence

2020 Cybersecurity

Human-Computer Interaction

Machine Learning

Computational Photography

ORGANIZATIONS

A2 Code Blue Jump Rope Club

Founder, President (August 2015 - April 2017)

Alpha Chi Sigma

Webmaster (January 2017 - April 2018)

Head Social Media Chair (Jan 2017 - Apr 2018)

Michigan Marching Band

Rank Leader (August 2017)

AWARDS

Quality Star Avomeen 2019

On Time All The Time Avomeen 2019

WORKING EXPERIENCE

May 2020 - June 2020

Analytical Chemist II

Avomeen (Ann Arbor, MI)

In this role, I demonstrated leadership within my group and I was officially designated as the peer mentor of several new hires of the company. I also held more responsibilities than my previous role as Analytical Chemist I. I worked more independently in the lab—without needing constant guidance from my project leader.

June 2019 - May 2020

Analytical Chemist I

Avomeen (Ann Arbor, MI)

I did research and development with cGMP documentation on extractables and leachables testing of pharmaceutical products as well as impurities testing of nicotine products using GC-MS, GC-FID, HPLC, ICP-MS, and LC-MS.

January 2019 - June 2019

Sample Coordinator

Avomeen (Ann Arbor, MI)

I handled sample, chemical, and lab equipment receiving and disposal—including cGMP manufacturing raw materials and controlled substances. I often served as the bridge between the different branches of the company—such as chemists, project managers, intake team, and quality assurance. I also performed quality assurance duties such as lab audits and revision of SOPs.

May 2017 - August 2017

Summer Hire - through Computech

BASF (Southfield, MI)

I worked in high throughput environment on UV-curable resins. My duties included handling confidential information (IP), reading research papers, making formulations (add additives to resins), collecting data using photo differential scanning calorimetry, and analyzing data to determine curing time from enthalpy change.

May 2015 - August 2015

Research Assistant of the Prostate Cancer Genetics Project

University of Michigan Comprehensive Cancer Center (Ann Arbor, MI)

I worked in a medical facility on genetic causes of prostate cancer. My role was to recruit patients for the study, administer surveys to patients, handle confidential patient information, contact hospitals for medical records, and create pedigree charts to discern patterns among patients with prostate cancer.