

Kasra Kaviani

Undergraduate Major in Neuroscience

kas.kaviani@gmail.com

kasrakaviani.com

Objective: Provide patient care and clinical assistance for healthcare workers. Further develop skills in the field of Medicine by utilizing previous understanding in Biology and biomedical research.

Education and Training

University of Maryland, College Park

Jan 2020 - Present

Neuroscience and Cognitive Science

Undergraduate – Graduation expected 2022 – Dean’s List Spring 2020

- Training in the field of Molecular Biology. Conversant in cell regulatory and structural mechanisms, enzyme regulation, and protein synthesis, cell communication and development.
- Training in the field of Organic Chemistry. Conversant in reactions and mechanisms behind them. Predicting reactions based on molecular structure and bonding.

Community College of Baltimore County

Aug 2015 - Jan 2019

Associate of Applied Science

Dean’s List 2018-2019

- Training in Graphic Design and Animation. Management of complete design process from conceptualization to delivery.

Community Service and Volunteer

Medical and Research Assistant

Jun 2020 – Present 40hr/week

International Neurorehabilitation Institute, Lutherville, Maryland

- Provided assistant with patient care by taking vital signs, performing OCT exams, and electronically ordering labs/MRIs.
- Extract and organize patient database to better assess treatment options and disease progression.

Career and Technology Education (CTE)

May 2016 – 25hr/week

Baltimore County Public Schools

- Volunteered Spokesperson: Presented CTE programs and curriculums to upcoming students and parents, on-site Illustration, and digital painting demonstrations.

Experience/Jobs

Build a Bridge to STEM Internship

May- Aug 2019 – 40hr/week

University of Maryland, Baltimore County

“Naïve Ethanol Odor Preference in *Drosophila melanogaster*.”

Mentor: Fernando Vonhoff, Ph.D., Assistant Professor

- **Research Objective:** Identifying stimulants that alter fruit fly’s perception toward the smell of ethanol and the neurological mechanisms causing the alterations in the behavior.
- **Responsibilities:** Reviewed, recorded, and summarized data and results. Organized and prepared experiments daily. Provided detailed weekly presentations on the state of the experiment to graduate students and senior mentors. Developed better understanding of Behavioral Neuroscience, Olfactory conditioning, Molecular and cell biology of addiction.

Assistant Producer and Creator

Apr 2016 - Jul 2018 – 40hr/week

Baltimore County Public Schools Television, Towson, MD

- Created *ASTER*, an animated television show aired on BCPS-TV for two seasons (7 episodes).
- **Responsibilities:** Character design, Scriptwriting, Background design, cell animation, post-production editing and sound design. Organized and trained three interns in post-production editing process. Skilled in Adobe Suite, web design, graphic design, and video editing.

Skills

- Fluent in Farsi/Persian
- Adaptability and problem solving through effective teamwork
- Computer skills - Word, PowerPoint, Excel, and Access, Adobe Photoshop Certified
- Maintenance and calibration of Laboratory/medical equipment, experiment preparation
- Record keeping, data collection and analysis
- Presenting data to senior staff