

SKILLS

TECHNOLOGY: Python, R, Java, Javascript, React.js, Express.js, C++, C#, SQL, Ruby, PHP
RESEARCH: Data Analysis, Mathematical Modeling, Meta-Analysis, SPSS, Scientific Writing

SUMMARY

I am an eager and young aspiring web developer/software engineer with an out-of-the-box thinking style. Whether it be from planning a gala, to building the next big web app, I combine my systematic and logical thinking with my sense of creativity to lead a team and create something that everyone will love in the end. With the flexibility I possess, anything that's thrown at me will be conquered with grace and ease.

PROJECTS

THE EFFECTS OF MULLERIAN MIMICRY ON WOLF SPIDERS BY MILKWEED BUGS Apr 2013 to Jun 2014

Wolf spiders were studied to determine whether their avoidance of poisonous prey was due to experience or chemical signalling.

A META-ANALYSIS ON THE EFFECTIVENESS OF PLATINUM-BASED TREATMENTS ON TRIPLE NEGATIVE METASTATIC BREAST CANCER Feb 2014 to Feb 2016

Out of the four categories of breast cancer, triple negative breast cancer (TNBC) is the hardest to treat due to the absence of receptors that the other cancers have. This study will determine whether a relatively new chemotherapy treatment (platinum-based) increases the lifespan of metastatic TNBC patients versus a non platinum-based treatment.

THE DESALINATION OF SALTWATER USING EXTREME COLD TEMPERATURES AND ETHANOL ALCOHOL Nov 2014 to May 2015

This study will determine whether saltwater can be desalinated down to the level of freshwater by means of ethanol alcohol and extremely cold temperatures.

EMPLOYMENT

RESEARCH AND DEVELOPMENT COUNCIL OF NJ
Governor's STEM Scholar Sep 2016 to Aug 2017

I led a team of high school students in a biology and data science project in which we conducted research on the efficacy of platinum-based chemotherapies on ovarian cancer. The data was analyzed using Python and R.

JOHNSON AND JOHNSON
Member of Bridge to Employment Sep 2013 to Jun 2016

Receives mentoring from various career experts within the field of technology.

EDUCATION

General Assembly
Web Development Immersive Program (WDI)

New Jersey Institute of Technology
B.S. Computer Science 2020

AWARDS

North Jersey Regional Science Fair · 2ND PLACE IN THE BEHAVIORAL SCIENCES May 2014

North Jersey Regional Science Fair · 3RD PLACE IN OVERALL STATISTICS May 2016