

# TRAVIS JOHN CLAUS

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## EDUCATION

CUMULATIVE GPA: 3.25

### **Stony Brook University, New York**

*September 2016 - Graduated May 2019*

Bachelor of Science in Applied Mathematics and Statistics, Minor in Mathematics.  
Awarded from the College of Engineering and Applied Science

### **Farmingdale State College, New York**

*September 2014 - May 2016*

Applied Mathematics and Computer Science, degree in progress.

## WORK EXPERIENCE

### **FlyAway.Club - Remote**

May 2019 - March 2020

*Data Engineering Intern*

*Python*

- Designed and developed a web scraping application in order to extract and organize airline flight data.
- Utilized REST APIs in order to track flight information and organized data within MongoDB database.
- Information gathered was analyzed to tailor a personalized vacation email with the best deals for a clients area and interests.

### **Crypto K9, Washington DC**

May 2018 - September 2018

*Automation Engineer Intern*

*NodeJS*

- Web-scrapers utilizing Puppeteer and the Chromium Web Driver collected data on all cryptocurrencies.
- Implemented a parallel matrix comparison between cryptocurrency attributes in order to analyze different aspects of each currency. This convinced investors on a focal point of the project, Crypto-K9 Verification.

## PROJECTS

### **MoMath Hackaton, Floor Square Needle Drop**

*Museum of Mathematics, New York, NY*

- Created a visual representation of the Buffon Needle Drop in an Electron app using JavaScript
- Project was presented on the touch screen floor at the museam and provided viewers with an understanding of the fundamentals of probability.

### **Criminal Database CRUD Application**

- Developed a JavaFX UI in order to interact with an Citrix SQL database server

### **Single and Multiple Regression Analysis**

- Imputed and analyzed data, recovering the function used to originally create the statistics.
- Rstudio was employed along with the use of several popular statistical libraries such as mice, ggplot2, MASS, and Leaps in order to perform analysis.

## TECHNICAL STRENGTHS

### **Programming Languages**

JavaScript, Python, Java, C++, R, LATEX

### **Tools**

Visual Studio, PowerShell, IntelliJ, VS Code, NetBeans, RStudio

### **Skills**

Remote Software/Hardware Troubleshooting, Technical Writing

### **Technologies**

React, Electron, Git, NVM