

Mitchell Cooper

DATA SCIENTIST

Duluth, GA 30097

☎ (770) 231-9249 | ✉ coopermitchellronald@gmail.com | 📱 mcooper98 | 🌐 mcooper11

Skills

Programming Java, C++, R, Python, NumPy, Pandas, SQL, Matlab, APIs

Proficiencies MySQL, AWS, Git and Version Control, Apache Hadoop, Spark ML, Google Dataproc

Experience

Gross Translational Neuro-Engineering Laboratory at Emory School of Medicine

Atlanta, Georgia

DATA SCIENTIST INTERN

Jun. 2020 - Aug. 2021

- Handled all projected related data pre-processing, statistical representation, and sampling.
- Built visualizations and machine learning algorithms in both Python and Matlab.
- Restructured codebase in order to migrate from Google Colab to Matlab.
- Usage of TensorFlow for Neural Network analysis of septohippocampal LFP signal; Python, Matlab.
- Worked to gauge performance of database and assisted in achieving optimal architecture.

Certificates

AWS Cloud Practitioner

AMAZON WEB SERVICES

May 2020

- Tested on navigation, configuration, and understanding of the AWS cloud platform.
- Credential ID: 57016S7CENB1Q2K8

MTA: Networking Fundamentals

MICROSOFT

Oct. 2020

- Windows Server, Windows-based networking, network management tools, DNS, TCP/IP, names resolution process, and network protocols and topologies.

Education

Georgia Gwinnett College

Lawrenceville, GA

B.S. IN DATA SCIENCE AND ANALYTICS

2017-2022

- Earned 99 of 128 credits towards Bachelors.
- Fall semester schedule: Artificial Intelligence, Systems Analysis and Design, Information Analytics, Linear Algebra, Advanced Data Analytics.

Extracurricular Activity

Mentor Collective

Georgia Gwinnett College

PEER MENTOR

Aug. 2020 - PRESENT

- Provided appropriate resources and support to bring about mentee's desired goals.

Zoom Tutoring

Atlanta

TUTOR

Aug. 2020 - Aug. 2021

- Regular Volunteer Zoom Tutoring for underserved youth populations in Atlanta during COVID-19 Lockdown.

Georgia Gwinnett College

Georgia Gwinnett College

RESIDENT ASSISTANT

Jul. 2021 - PRESENT

- Focused on the development of 40 residents.
- Planned and implemented programs to help rebuild the campus community in a post-covid environment.
- Managed administrative duties: budgeting, maintenance requests, incident reports, and room transfers.

Personal Project

2021 LoL MSI

Atlanta, GA

PREDICTON ALGORITHM

Mar. 2020 - present

- Goal being a prediction algorithm for professional League of Legends matches using a data set containing best of 1 matches from the 2021 League of Legends Mid-Season Invitational.
- Manipulated, managed, and visualized data frames in both Python and R.
- Optimized feature selection through exploratory analysis.