

## Education

Emory University, Atlanta, GA

May 2020

*Bachelor of Science, Computer Science and Mathematics (Double Major)*

GPA: 3.94/4.00

Courses: Artificial Intelligence, Machine Learning, Computer Security, Database Systems, Data Structures & Algorithms, Data mining, Linear Algebra, Multivariable Calculus, Risk & Uncertainty (Behavioral Economics), Probability & Statistics,

## Skills

**Coding Languages:** Proficient in Java, Python, JavaScript; Familiar with SQL, C, PHP, HTML/CSS

**Other:** MongoDB, React/Redux, React Native, Linux/CentOS, jQuery, Jupyter, Sublime, Eclipse, Scikit-learn, Excel

## Experience

**Deep Learning Vision Researcher**, REU recipient

May 2018 – Present

*University of Miami, Coral Gables, FL*

Neural processing of visual scenes with large-scale deep neural networks, work with models that integrate deep convolutional networks with approaches for learning divisive normalization

**Teaching Assistant**

January 2018 – Present

*CS425 – Artificial Intelligence, CS377 – Database Systems, Emory University*

Assist with the grading and curriculum planning of an undergraduate class of 60 students

Tutor students during office hours every week on relational database(MySQL) concepts/questions

**Undergraduate Researcher**

September 2017 – May 2018

*Scholarly Inquiry and Research Program, Emory University*

Participate in data science/machine learning competitions, present findings and present on machine learning techniques and algorithms to research group; research in natural language processing

Used Tf-idf/LDA topic modelling to preprocess clinical text on genetic mutations and used ML models like Naïve-Bayes and Random forest to classify each; automate gene variation classification

**Web Developer**

August 2017 – Present

*FetchMi, Atlanta, GA*

Collaborate with a team of 5 to develop website for service platform startup, perform MySQL database management and queries and front-end debugging

## Projects

**Emorycoursecritique – [professorsaid.com](https://professorsaid.com)**

Created a course rating website for Emory built on Node.js; led a team of 5 students with Agile methodologies, organized and coordinated scrum team activities and maintained project artifact

Developed and designed site frontend with React/Redux and developed backend search algorithms and filters with MongoDB's aggregation framework

**SmartAlarm – [link](#)**

Created an Android app that analyzes whether the user is asleep or not after an alarm based on phone movement and starts up the alarm again if the user is asleep again

**Course Planner**

Built web application on the LAMP stack for helping students plan their 4-year course load for efficient degree completion

**Checkers AI**

Created checkers AI in Java implementing a MinMax algorithm, high win rate against casual player

## Leadership and Community Engagement

**Development Director**

September 2017 – Present

*Data Science Club, Emory University*

Develop club by reaching out to and discussing with external organizations to identify opportunities of collaboration for data driven solutions; develop relationships with non-profits and other groups