

Brian Piejak

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Science (Expected December 2019)

- 3.68 GPA
- Faculty Honors, Dean's List

Atlanta, GA

August 2015 – Present

PROJECTS

Independent Coding

Numer.ai

Kennesaw, GA

July 2015 – Present

- Predict stock movement through machine learning algorithms (Random Forests) in python with sklearn
- Winning participant in Numer.ai tournament with a logloss value of 0.689

Feather

- Android application published to the Google Play Store
- Delivers a distraction free Twitter timeline using the Twitter API with Crashlytics crash reporting

When Should I Post?

- Web application using Instagram's API
- Shows users statistics and metrics about their Instagram likes
- 1,000 unique visitors in the first month

EXPERIENCE

Goldman Sachs

Summer Analyst

Manhattan, New York

May 2018 – August 2018

- Performed Full Stack Development work on internal web app
- Took project from first commit to deployed into production environment
- Built React front-end and Jetty backend
- Developed with a focus on performance and test coverage
- Underwent frequent code reviews to ensure quality code was being shipped

AT&T – Technology Development Program

Software Development Intern

Atlanta, GA

June 2017 – August 2017

- Developed internal chatbot for use with conference rooms
 - Hosted a remote REST using Node.js
 - Awarded most innovative intern project throughout company
 - Implemented facial recognition using Python script to communicate with the server through sockets
 - Communicated with natural language processing libraries backed by machine learning
- Extended IoT message broker tool using Node.js
- Automated migration of over 1500 data records using python scripting, REST protocol and JSON data

Georgia Tech Athletic Association

Lead Peer Tutor

Atlanta, GA

August 2016 – May 2017

- Work with student athletes in hands on tutoring sessions for math and science classes
- Responsible for regular status reports of progress

Croy Engineering, LLC.

Student Intern / Traffic Engineering

Marietta, GA

January 2015 – April 2015

- Conducted research on different types of traffic detection systems
- Produced a reference document that surveyed several types of detection systems
- Presented and defended findings in front of a panel of judges

Activities

Languages: Python, Node.js, Java, C, Android Application Development, Web Development

Affiliations: Kappa Sigma Fraternity, Data Science at GT, GT Web Dev