

# Brian Piejak

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## EDUCATION

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### GEORGIA INSTITUTE OF TECHNOLOGY

#### Bachelor of Science in Computer Science (Expected December 2019)

Atlanta, GA

August 2015 – Present

- 3.68 GPA
- Faculty Honors, Dean's List
- Specializing in Artificial Intelligence and Media

## EXPERIENCE

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### Goldman Sachs

New York, New York

#### Securities Engineering Data Science Intern

May 2019 – August 2019

- Constructed a model to analyze and link similar client interactions in a CRM platform
- Dynamically suggests a course of action based on past cases
- Formed team's data science SDLC
- Used industry-leading ML libraries such as Tensorflow, sklearn, Gensim, and Spacy

### Goldman Sachs

New York, New York

#### Full-Stack Development Intern

May 2018 – August 2018

- Saved the firm \$5,000,000 in costs from contract employees through development of a regulatory outreach webapp
- Took project from first commit to deployed into production environment
- Worked extensively on React front-end and Jetty backend
- Underwent frequent code reviews to ensure quality code was being shipped

### AT&T – Technology Development Program

Atlanta, GA

#### Software Development Intern

June 2017 – August 2017

- Developed Node.js based chatbot for use with conference room reservation
- Awarded most innovative intern project throughout company
- Implemented facial recognition using openCV
- Communicated with natural language processing libraries backed by machine learning
- Automated migration of over 1500 data records using python, REST API, and JSON

## PROJECTS

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### Independent Development

Kennesaw, GA

#### Numer.ai

July 2015 – Present

- Predicted 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

#### floodAR

- Displays flood water levels over user's camera via AR to realize dangers of storms in high-risk low-education communities
- Android app utilizing Google ARCore, published in closed beta
- Worked in conjunction with Georgia Tech Global Change Program and the City of Savannah

#### Feather

- Android Twitter client published to the Google Play Store
- Delivers a distraction free 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

## Activities

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**Languages:** Python, Node.js, React.js, Java, Android Application Development, Web Development, Data Science

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