

# Prabhath Chandanala

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U.S. Citizen

## Education

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### Georgia Institute of Technology

Atlanta, Georgia

#### Bachelor of Science in Computer Science

December 2019

- Concentration: Artificial Intelligence and Information Internetworks
- Relevant Coursework: Data Structures and Algorithms, Artificial Intelligence, Machine Learning

## Experience

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### Pandora

Atlanta, Georgia

#### Software Engineer Intern

June 2019 – August 2019

- Built an internal tool that optimized the testing and debugging process of Pandora's Ad Delivery system by displaying logs, organizing them, and enabling dummy user creation - all via an intuitive UI.
- Used React to build the UI, Spring Boot to build a REST API for the backend, and Kafka to manage logs.
- Conducted user research to gain valuable insight which was used to design the UX.

### Pandora

Oakland, California

#### Software Engineer Intern

June 2018 – August 2018

- Built an automated data pipeline that actively transforms data into statistics on post-crash user behavior.
- Designed an interactive Tableau dashboard that visualizes this transformed data, which is used to quantify changes in user retention due to crashes and analyze the aftermath of widespread crash events.
- Used technologies such as Hadoop, Hive, Airflow, Tableau, SQL, and Python.

### Georgia Institute of Technology

Atlanta, Georgia

#### Student Research Assistant

January 2017 – May 2017

- Worked with a team to help upgrade Georgia Department of Transportation's (GDOT) current faulting measurement system to one that uses a vehicle with laser projectors and high-speed cameras.
- Utilized this system to collect and analyze high definition 3D faulting data of Georgia road systems.
- Assisted in developing algorithms that detect faulting that is not in accordance with GDOT standards.

### Home Depot Deep Learning Competition

Atlanta, Georgia

#### Competitor

April 2017

- Competed to design the best machine learning system to identify the gender of humans based on speech.
- Developed a convoluted neural network, using TensorFlow along with Librosa, that interpreted properties of the given audio in order to learn the relationship between speech and gender.

## Leadership

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### Georgia Tech International Ambassadors

Atlanta, Georgia

#### International Ambassador

September 2017 – June 2018

- Promoted awareness of diversity and culture at Georgia Tech through campus events.
- Developed relationships with local organizations and hosted fundraisers as part of the Finance Committee.

### Catalyst at HackGT

Atlanta, Georgia

#### Mentor

April 2017

- Promoted interest in computer science in young minds via a teaching event designed for K-12 students.
- Taught middle and high school students the basics of HTML, CSS, and Java.

## Skills

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**Programming:** Java, Python, C, HTML, CSS, JS, SQL, Agile, Hadoop, Hive, Tableau, TensorFlow, AWS

**Platforms:** Linux (Debian-based), Unix, Windows, OSX

**Communication:** Public speaking, design proposals, collaboration, conflict resolution, team leadership

**Languages:** English (Native) – fluent, Telugu – fluent