

Prabhath Chandanala

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U.S. Citizen

Education

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, Georgia

December 2019

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

Experience

Pandora Media

Software Engineer Intern

Atlanta, Georgia

June 2019 – August 2019

- Designed and built a React front-end for an internal tool that manages logs from the ad delivery process.
- Wrote a Kafka Producer/Consumer within a Spring Boot application and connected them to URL endpoints.
- Set up meetings with users of tool (QE Team) to discuss desired features and planned project accordingly.

Pandora Media

Software Engineer Intern

Oakland, California

June 2018 – August 2018

- Built an automated data pipeline that actively collects raw user data and processes it into statistics on post-crash listener behavior.
- Designed a dashboard that effectively communicates the processed data, which is used by engineers to prioritize bug-fixing resources and assess long term impacts of crash events.
- Used technologies such as Hadoop, Hive, Airflow, and Tableau along with SQL and Python.

Georgia Institute of Technology

Student Research Assistant

Atlanta, Georgia

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.
- Developed algorithms that detect faulting that is not in accordance with GDOT standards.

Home Depot Deep Learning Competition

Competitor

Atlanta, Georgia

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

Georgia Tech International Ambassadors

International Ambassador

Atlanta, Georgia

September 2017 – June 2018

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

Catalyst at HackGT

Mentor

Atlanta, Georgia

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

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