Prabhath Chandanala

Atlanta, Georgia 30332 • (704)-796-0874 • prabhath@gatech.edu
U.S. Citizen

Education

Georgia Institute of Technology   **Atlanta, Georgia**
Bachelor of Science in Computer Science   *Dec 2019*

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

Experience

Pandora Media   **Oakland, California**
Backend Software Engineer Intern   *June 2018 – August 2018*

- Built an automated data pipeline that actively collects raw user data and processes it into statistics of 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.

Smart City Infrastructure Research   **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.
- Developed 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.

Bloomberg's Code B Competition   **Atlanta, Georgia**
Competitor   *April 2017*

- Competed to develop the most efficient and profitable trading algorithm and placed 5th.
- Developed an algorithm that effectively took volatility and general market trends into account.

Leadership

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 companies 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/INTERESTS

Programming: Java, Python, C, HTML, CSS, JavaScript, SQL
Platforms: Linux (Debian-based), Unix, Windows, OSX
Communication: Public speaking, design proposals, collaboration, conflict resolution, team leadership
Languages: English (Native) – fluent, Telugu – fluent
Interests: Data Engineering & Analytics, Product Management, Software Engineering