ATHREYA ANAND

US Citizen

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Profiles: athreyaanand.com | LinkedIn: *in/athreyaanand* | GitHub: *athreyaanand* | Medium: *athreyaanand*
Skills: Python, Java, ML (SciKit, TensorFlow, Keras), Postgres/SQL

EXPERIENCE

CEDAR – *New York, NY*   *May 2021 – Present*
Software Engineer 2
- Developed and improved data pipelines (ETLs) for several of the biggest healthcare providers in the country
- Built Providence Healthcare pipeline from scratch (largest client in Cedar history; 9th largest health system in the US)
- Optimized data ingestion through automation, centralization and reusability; sped up SBO integrations by months
- Created data analytic tools and notebooks to drastically increase data validation and insights across the organization

ESRI – *Redlands, CA*   *May 2020 – Aug 2020*
Data Science & Analytics, Software Engineering Intern
- Implemented data Hex Binning into Esri's Insights platform using Postgres, PostGIS, ST_Geom, and Java
- Utilized SQL and data analytic techniques to efficiently hex-bin hundreds of thousands of points in seconds

AMAZON (AWS) – *Cupertino, CA*   *May 2019 – Aug 2019*
Machine Learning, Software Development Engineering (SDE) Intern
- Worked on chip created for cloud-based Machine Learning inference acceleration within EC2: AWS Inferentia
- Helped build out runtime and constructed entire metrics protocol, infrastructure, and informative fleet dashboards

BOINGO WIRELESS – *Los Angeles, CA*   *May 2018 – Aug 2018*
DevOps, Software Engineering Intern
- Wrote 20+ automation scripts with bash and Ansible to help automate network engineering tasks
- Created automation job to reduce financial server boot-up to ~10 minutes from over 24 hours

TRACE STUDIOS – *Los Angeles, CA*   *Jan 2015 – 2019*
Founder and Mobile Application Developer
- Founded personal app development company and made several apps: 3 for app store, 2 for competitions
- Ranked top 100 financial applications in three countries for Cuex; Over 10,000 downloads across all applications

TESLA – *Palo Alto, CA*   *May 2015 – Aug 2015*
Software Engineering Intern
- Helped within server datacenter and software; gained exposure to software engineering workflow and environments

HACKATHONS & PROJECTS

T-MOBILE HACKATHON – *Second Place*   *Apr 2019*
- Built a live transcription service and universal cloud to aid customer service; used semantic analysis & Azure ML suite

BUILDGT2 – *First Place*   *Mar 2019*
- Built a real-life version of Wii Sports Bowling; used a Roomba, Raspberry Pi, Kinect, Processing, & object detection

HACKGT5 – *Top 8 & Best Domain*   *Oct 2018*
- Built a "real-world" FPS using a computer webcam and finger-guns; used ThreeJS, HTML/CSS & object detection

BUILDGT1 – *Best Beginner Project*   *Sep 2018*
- Built a multiplayer VR recreation of *Hole in the Wall;* used Kinect, raspberry pi, web sockets and unity for dev.

BOINGO HACKATHON – *First Place*   *May 2018*
- Devised a bash/expect script to auto switch users based on network load; 112% speed improvement; 1st of ~300

INSIDER – *Mobile App*   *Android*
- Published couch co-op pass & play version of Mafia/Werewolf; over 7,000 downloads

MINDLESS – *Mobile App*   *Android*
- Uses Reddit API and custom JSON parser to isolate articles from reddit pertaining to stupid, mindless news

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY – *Atlanta, GA*
B.S. Computer Science; Honors Program; Cum. GPA: **3.75**; CS GPA **4.0**   *May 2020*
M.S. Computer Science/Machine Learning; GPA: **4.0**   *May 2021*