

## ANKUR VAZIRANI

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### Education:

**2018 – Present**     **Australian National University**

**Master of Computing with Specialisation in Artificial Intelligence**

**Field of Interest:** Software Development, Deep Neural Networks and Prediction analysis.

**2014 – 2017**     **Institute of Business Studies & Research (IBSAR) – Management**

**Bachelor of Computer Applications (GPA 3.2 / 4.0)**

**Majors:** A computer science degree with focus on software development.

**Related Coursework:** Completed Codecademy courses on HTML, CSS, Python, and Advanced Web Designing courses.

### Projects:

**Sensitivity to Deep Neural Network with MNIST Dataset** (Summer 2018): Created a Deep neural network (DNN), and applied sensitivity a pruning technique that reduced size of the net by 5% with improving training time by 20 seconds in every 50 epochs.

**Question Paper Generator** (Summer 2017, Individual Project): Developed automatic question paper generator software using VB and SQL. The software improved efficiency of generating question papers, application could also generate the questionnaire in PDF format and could generate a new question paper in less than 10 minutes.

### Experience:

**11/18 – Present**     **Adapt Ideations Pvt Ltd, Sydney, Australia**

- Presently working on creating API for CHEP backend using MERN stack. Further, building a cache system using Redis and working on complex API which uses a geofence to calculate machines location and start billing cycle of the appropriate customer.
- Worked on improving battery performance and percentage mapping for Kelvin device using Highcharts for visualisation, this helped team in calculating the right value for percentage with respect to voltage.
- Developed Adapt Sniffer an Android application for DHL employees, the application scans all Wi-Fi devices, cell towers, marks user's current location and sends data to database every 5 seconds. Goal is to find Kelvin device when it is unable to send its location to the database.

**07/17 – 08/17**     **Aeon Pvt Ltd, Mulund, Mumbai**

- Worked in a team of six people developing and deploying website for Aditya Birla Financials. It helped the financial firm to merge all their different websites under one hood and improve UI.

**01/17 – 03/17**     **MDS Digital Media, Belapur, Navi Mumbai, Mumbai**

- Improved the response time of the website by reducing the image size and using queries to only load when required. This led to improve in whole performance of the website by 10%.

**05/16 – 06/16**     **Municipal Corporation of greater Mumbai, Mulund, Mumbai**

- Key learning was understanding customized version of Telvent software by L&T and how information flows between central site and host site.

### Extracurricular Activities

- Active member of InSa (Indian Students Association) and Parsa (Postgraduate and Research Association) ANU.
- First Prize in inter college Debate competition and College football team captain 2016.

**Technical Skills:** HTML, CSS, Python, Bootstrap, Linux, MongoDB, Nodejs, Express.