










## CAREER OBJECTIVE

To secure a position where I can efficiently contribute my skills and abilities to the growth of the organization.

## EDUCATION

- University of Florida, FL** **April 2017**
- Master of Science in **Computer Science**, **GPA: 3.43**
  - **Coursework:** Analysis of Algorithms; Computer Networks; Database Management Systems; Machine Learning for Health Applications; Social Network Computing; Software Engineering; Pattern Recognition.
- University of Pune, IN** **May 2014**
- Bachelor of Engineering in **Electronics and Telecommunications**, First Class with Distinction

## PROJECTS

- Meteo Weather** (Angular 2, NodeJS, Express, Bootstrap 3)  [Demo](#) **May 2017**
- Developed a real-time weather web-app using DarkSky API and Google Maps API.
  - Added ability to save favorite cities, and server-side caching.
- Exam Timer** (Angular 2, jQuery)  [GitHub](#)  [Demo](#) **Mar 2017**
- Developed an exam time management web app for aiding proctors conduct written examinations.
  - Added a 'Save to cloud' feature, which allows saving exam events that can be retrieved later.
- Psyc** (Electron, jQuery)  [GitHub](#) **Feb 2017**
- Designed a note-taking, to-do manager, and a desktop widget app for Linux.
  - Added the capability to parse markdown text format.
- UniClip** (Android, Electron, Firebase, jQuery)  [GitHub 1](#)  [GitHub 2](#)  [Official website](#) **Jan 2016**
- Created a cross-platform clipboard sync application using Android Studio, Firebase, Electron, JS, and HTML.
  - Designed and implemented a WhatsApp web-like QR-based authentication system.
- Ultrasound Nerve Segmentation** (Python, Keras, SciPy, NumPy)  [GitHub](#) **Aug 2016**
- Fashioned a machine-learning algorithm to predict the location of Brachial Plexus nerve in ultrasound images of the human neck to aid in surgical preparations.
- Soccer Statistics System** (MySQL, PHP, jQuery)  [GitHub](#) **Jan 2016**
- Developed a real-time soccer facts machine using Oracle, PHP, HTML, JS and CSS for the course Database Management Systems which allows users to find interesting correlations among various players, leagues, etc.

## WORK EXPERIENCE

- Web Developer** **University of Florida** **July 2017**
- Developed web applications that provide insights about water usage and water conservation programs.
- Backend Developer Intern** **Filtrest, Inc.** **July 2016**
- Designed, developed and populated the database and lookup algorithms for the system using **Python** and APIs of popular social networking sites like Twitter, Reddit, etc.
  - Constructed a relational database for storing the data obtained by lookup algorithms.
- Student Research Assistant** **Intelligent Health Systems Lab** **Sept 2016**
- Analyzed a corpus of medical journals, extracted and visualized various interesting information using **NLTK**, **Python** and other python libraries.

## INVOLVEMENT

- Organizer, Lead Web & Graphics Developer** **Texephyr and Summit** **Feb 2014**
- Held organizer position, and led a team of **web developers** to create the website for annual technical fest at U of Pune.
  - Supervised a team of **graphics designers** that created the marketing content for the national sports meet at U of Pune.
- Editor & Designer** **Resonance** **Sept 2013**
- Edited and designed the departmental newsletter for the department of Electronics and Telecommunications at U of Pune.

## AFFILIATIONS

- Member of college's Baseball and department's Basketball team at U of Pune.
- Participated in many tournaments as an active member of Badminton club at U of Florida.
- Participated in community service events organized by Gators for Asha and Badminton club at U of Florida.

## LANGUAGES AND TECHNOLOGIES

- Java, Python, C, C#, Angular 2, Bootstrap, MySQL, NodeJS, Express, JavaScript, jQuery, PHP, HTML, CSS, Lua, MongoDB
- Android Studio, Firebase, AWS, Electron, Git, Agile