# Deva Surya Vivek Madala

- devamadala96@gmail.com
- +91-8222-955-113
- https://devamadala.github.io

## EDUCATION

| | | | |
|---|---|---|---|
| P.G Diploma in Computer Science (DipASR) | Ashoka University | 2018 | Major CGPA: 4.0/4.0<br>Magna Cum Laude honors<br>Academic Achievement award<br>Best Thesis Award |
| BSc. (Hons) in Computer Science | Ashoka University | 2017 | Major CGPA: 3.87/4.0 |

## WORK / TEACHING EXPERIENCE

**Technical Lead** | *Amuse Labs*                                                    Jul '18 – Present
Leading provider of software for crosswords & other knowledge games that reaches millions of users
- Worked directly with PuzzleMe customers such as The Washington Post, The L.A. Times, The Guardian, The New Yorker, The Atlantic, The New York Post
- Developed a hybrid mobile application powered by PuzzleMe: The Guardian Puzzles
- Optimized database performance, automated processes, created Dashboards & Analytics for PuzzleMe
- Developed unique features such as multiplayer to play games together with friends real time, enhanced the platform to support new puzzle types and easier on-boarding

**Teaching Assistant** | *Ashoka University*
- Blockchain and Cryptocurrencies                                                   Jan '19 – May '19
- Computer Security and Privacy                                                      Jan '18 – May '18
- Probability and Statistics                                                         Aug '17 – Dec '17

## RESEARCH EXPERIENCE

- **Madala, D. S. V.**, Mahabir Prasad Jhanwar, and Anupam Chattopadhyay. "Certificate Transparency Using Blockchain." *2018 IEEE International Conference on Data Mining Workshops (ICDMW)*. IEEE, 2018.

- Minchu Kulkarni, Kshitij Kapoor, **Deva Surya Vivek Madala**, Sanchit Bansal, and Sudheendra Hangal. 2019. Compartmentalizing Web Browsing with Sailboat. In *India HCI 2019 (IndiaHCI '19), November 1–3, 2019, Hyderabad, India.* ACM, New York, NY, USA, 8 pages.

- Mentor for *Hyperledger Internship Program 2019*
  Project: Certificate Transparency using Blockchain, Mentors: Mahavir Jhawar, **Deva Madala**

- **Madala DSV**, Gangal A, Krishna S, Goyal A, Sureka A. 2018. An empirical analysis of machine learning models for automated essay grading. *PeerJ Preprints* 6:e3518v1

## INTERNSHIPS / PROJECTS

**McKinsey & Company** | *Summer Intern - Pune Smart City project*                  Jun '17 – Aug '17
- Assisted and managed deployment of IoT devices like VMDs, emergency call boxes, sensors
- Created installation reports, punch lists and evaluation checklists for all the elements

**mycity** | *Java Web App for Smart Cities*                                         Dec '16 – Jul '18
- Developed an open data platform that enables local governance though public participation
- Deployed for Hubli-Dharwad (Karnataka, India) data

**Municipal Reforms Cell** | *Intern - Government of Karnataka, India*               May '16 – Jun '16
- Co-developed a eMagazine and CMS for it that updates citizens with latest events by the government

## SKILLS

Programming (Java, TypeScript, Python), Databases (MySQL, MongoDB), Android & iOS development, HTML & CSS, Blockchain, Hyperledger Fabric

## POSITIONS HELD

**Resident Assistant Mentor** | *Ashoka University*                                    Aug '17 – May '18
- Selected as a mentor and advisor for over 20 Resident Assistants

**Resident Assistant** | *Ashoka University*                                    Aug '16 – May '17
- Acted as a liaison between students and the Office of Student Life
- Facilitated in creating an environment that enhances the quality of student life on campus
- Ideated and organized educational, social and recreational programs for over 1000 students

**Badminton Captain** | *Ashoka University*                                    Aug '14 – May '17
- Winner (team event): Badminton, Lotus Sports League 2017
- Runner up: Badminton (team event), Agneepath Sports Fest 2017

## AWARDS AND ACCOMPLISHMENTS

- **Magna Cum Laude honors,** 2018, Ashoka University
- **Academic Achievement,** Department of Computer Science, 2018 – given for securing highest Computer Science CGPA: 4.0/4.0 and rank #1 in the department
- **Best Undergraduate Thesis**, 2018 – awarded for good research work done in the final year of Computer Science undergraduate thesis
- **Dean's list** for 8 semesters, Ashoka University (Recognition for a competitive GPA)
- **Outstanding Resident Assistant**, 2016 – 17, Ashoka University
- **Appreciation from Office of Student Life,** 2017, Ashoka University
- **Appreciation from Government of Karnataka** for developing citizen centric applications