

# Deva Surya Vivek Madala

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- <https://devamadala.github.io>

## EDUCATION

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P.G Diploma in Computer Science (DipASR)	Ashoka University	2018	Major CGPA: 4.0/4.0 Magna Cum Laude honours Academic Achievement award 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](#).
- Developed a hybrid mobile application powered by PuzzleMe: The Guardian Puzzles
- Optimised 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 a new puzzle type - Codeword.

### Teaching Assistant | Ashoka University

- Blockchain and Cryptocurrencies
  - Computer Security and Privacy
  - Probability and Statistics
- Jan '19 – May '19  
Jan '18 – May '18  
Aug '17 – Dec '17

## RESEARCH EXPERIENCE

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

## SKILLS

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

## POSITIONS HELD

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**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

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- **Magna Cum Laude honours**, 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