

Employment

Software Engineer, Intern **Amazon.com, Inc.** **Jan 2019 - Present**
Kindle Content - Working with the Kindle Guru Team.

Project Trainee **Zoho Corporation** **Dec 2018 - Jan 2019**
Worked with the Manage Engine OnDemand team which provides Cloud-based IT management solutions.

Software Engineer, Intern **Amazon.com, Inc.** **May 2018 - July 2018**
Kindle Content Team

- Improved customer experience by giving a refreshed look to the plugin.
- Made books more interactive by adding footnotes functionality for the STEM books.
- All the changes were reviewed, perfected and pushed to production.

Full Stack Developer, Intern **PLANezy** **June 2017 - August 2017**

- Made site more interactive by adding likes and bookmarks functionality for Albums and Galleries.
- Improved the usability of the site by adding dashboards for users and vendors.

Education

Chennai, TN, India **S.S.N. College of Engineering** **2015 - 2019**

- B.Tech in Information Technology. GPA: 8.05 / 10
- Undergraduate Coursework: Algorithms, Computer networks, Databases, Operating Systems.
- Online Course: Algorithms Part 1 and 2 from Stanford University (Coursera).

Technical Experience

Projects

- **Human Protein Atlas Image Classification** (2018 - Present). Developed a 28 class model capable of classifying mixed patterns of proteins in microscopic images. Used deep learning techniques like ResNet50, InceptionResNetV2 and GapNet to achieve a maximum F1 Macro score of 0.34.
- **Snappy** (2017). Web app to fetch all images tagged with given hashtag from Twitter and Tumblr. Used multithreading to increase performance and used image processing tool to avoid NSFW images. Python.

Additional Experience and Awards

- **Campus Ambassador, InterviewBit (2018 – Present):** Conducted Coder's bit, a nation-wide competition which saw over 200 participants from my campus.
- **IEEEExtreme 12.0 (2018):** Placed 5th in India (top 0.2%) and 83rd in the World (top 2%), a 24 hour coding contest conducted by IEEE.
- **IEEEExtreme 11.0 (2017):** Placed 3rd in India (top 0.3%) and 101st in the World (top 3%)
- **ACM ICPC Asia Amritapuri Onsite Round (2017):** Placed 31st out of 255 teams
- **ACM ICPC Kolkata Kanpur Onsite Round (2017):** Placed 34th out of 160 teams
- **ACM ICPC Asia Amritapuri Onsite Round(2018):** Placed 105th out of 270 teams
- **Shaastra Programming Contest, IIT Madras (2018):** Runner up (top 0.2%)
- **AISSCE 2015:** Placed in the top 1% in India in class XII final high school exam
- **Computer Science School Topper:** Topped the school in Computer Science AISSCE 2015 by securing 99/100

Languages and Technologies

- C++; Javascript(basic); Python(basic); C++ - STL; Python Django; Twitter Bootstrap; IntelliJ IDE; Sublime Text

Links

- **Website:** chamow97.github.io; **LinkedIn:** @chamow; **GitHub:** @chamow97; **Medium:** @chamow
- **HackerRank:** @chamow; **Codechef:** @chamow; **Codeforces:** @chamow; **StopStalk:** @chamow