

Parijat Bhatt

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Education:

- MS|Computer Science|Oregon State University (2018 – 2020 expected) (GPA : 3.66)
- B.Tech|Electrical Engineering| IIT Dhn (2013-2017) |(GPA:3.63)

Skills:

Python, C++, MongoDB, Cassandra, Redis, Javascript, Angular 2, ExpressJS, Docker, Agile, Bash, SocketJS, Numpy, Pytorch.

Experience:

- Associate Software Engineer | CGI, India (August 2017 – July 2018)
Worked on developing web applications using angular 2, angular material, MongoDB and ExpressJS while using microservices and agile
- Software Developer Intern | Rannlab Technologies (May 2016-June 2016)
Developed a tool that could improve the loading speed of a web page by minifying files (CSS, JS) and by scaling and optimizing images.
- Web Developer|Computer Center at IIT Dhn (Dec 2015-January 2016)
Used MVC architecture of Codeignitor to develop web pages for an online application using Bootstrap, Javascript and MySQL.

Projects:

- **News Application:**
Built an application using MEAN stack to fetch articles from newsapi.org. The articles could be edited, saved and marked as favorites.
- **MCTS for Pong:**
Applied Monte Carlo Tree Search for Pong using OpenAI gym to obtain action scores used to train a CNN model. The model could beat random policy by a significant margin.
- **Exploration Map Inpainting:**
Implemented Partial Convolution using UNET architecture for a synthetic map database of 50K images. The model could recreate map in holes, learn T-points and loop closures.

Achievements:

- Solved 234 competitive programming problems on SPOJ and ranked 630 globally.
Handle: [parijat_196](#).
- Scored over 99.7 percentile for engineering entrance exams (IIT JEE) in 2013.

- Had a rank of 840 out of 0.2 million students in graduate entrance exams for CS in 2018.

Other Activities:

- Co-organizer of Brain-O-Mania 2014, a state level educational event for students from class 9th to 12th.
- Taught as Mathematics teacher for approximately 2 months in a nationally registered NGO named Kartavya.
- Worked as student cashier at Marketplace west Dining center during winter term.