Anurag Peshne

anurag.peshne@gmail.com
https://anuragpeshne.github.io

EDUCATION

Master of Science in Computer Science   AUGUST 2018
University Of Florida, Gainesville, Florida
- GPA: 4.00/4.00
- Thesis: Enhancing the Parallel Programming Environment SIA/ACES4 with GPU Support and Data Prefetching
- Advisor: Dr. Beverly Sanders

Bachelor of Technology in Computer Science   APRIL 2013
Visvesvaraya National Institute of Technology, Nagpur, India
- GPA: 7.06/10.00
- Senior Project: File System simulation for classroom learning

SOFTWARE PROFICIENCIES

Working knowledge
Python, Node.js, Java, C#, C/C++, JavaScript, PHP, Git, Unix

Basic knowledge
Elixir, Clojure, Bash, Scheme, Standard ML

PROFESSIONAL EXPERIENCE

Microsoft Corporation, Redmond, Washington
Software Engineer   JUNE 2018–PRESENT
- Worked on migration of production Database to Cosmos DB
- Implemented API throttling for the Control Plane
- Created CI/CD pipelines for integration testing and deployment
- Improved resilience of the distributed services using exponential retries and simplification of locks

University Of Florida, Gainesville, Florida
Graduate Research Assistant   MAY 2017–MAY 2018
- Worked on automating synchronization of data between main memory and GPU memory for ACES4: a parallel computational chemistry package
- Developed a framework for reducing the network latency by prefetching data on worker nodes

CouponDunia Media Pvt Ltd, Mumbai, India
Software Engineer   JULY 2014–JULY 2016
- Led a team of 4 to develop an online price comparison tool
- Developed **distributed**, **fault tolerant** crawlers with abilities to automatically spawn a cloud VM instance, crawl and release the instance back
- Wrote `titleParser`: an extractor of attributes from product title using parsing techniques
- Rewrote database SQL queries and reduced them by more than 50%

PERSONAL PROJECTS

Plotty: Distributed Systems visualizer using WebSockets.   `JavaScript`
Portal: P2P file transfer through browser using WebRTC   `JavaScript`
- One of the SwampHacks 2017 Winners
org-parser: Emacs Org-Mode file parser   `Clojure`
vKeyboard: Share keyboard across machines over the network   `Python`
wordPuzz: Realtime multiplayer word puzzle using WebSockets   `JavaScript`