Your Name

Email id[| LinkedIn Id](https://www.linkedin.com/in/jindalakshat/) | Portfolio link| Contact Number

# EDUCATION

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| **Bachelor of Science in Computer Science**  University of Michigan, Ann Arbor, Michigan **Senior Secondary Education (2016 - 2018)**  American International School, Johannesburg, South Africa  **SKILLS** | August 2018 – May 2022  **GPA:** 3.30/4.00  Class 12th, **Percentage:** 91.5% |
| * **Programming Language:** C, C++, SQL, Java, Python, Golang, C# • • **Web Dev:** HTML, CSS, JavaScript, Bootstrap, React, Node.js, jQuery * **Areas of Interest:** Problem Solving, DSA, Web Dev • **WORK EXPERIENCE** | **Others:** OOPS, DBMS, AWS, Docker, Firebase, Flutter, Dart, GameDev, MongoDB, OpenAI, IaaS  **Tools:** Git, GitHub, Microsoft SQL Studio, Makefiles, Shell Scripting, XCode, Android Studio |

**Software Development Engineer Intern | TCS | Detroit, MI, USA** June 2021 – September 2021

* Created a working health po[rtal for on](https://github.com/MonalikaKapoor/Microsoft-Engage-Link-Up)e of the largest health insurance providers in the US.
* Designed and implemented multi-tier software using ASP.NET Core (and MVC), SQL Server
* Lead the full software development cycle from scoping, analysis, desig[n, and implementation to d](https://drive.google.com/file/d/1cRoZOxDYcNdTFS1cfGlJ19WOtd-hosWY/view?usp=sharing)elivery and support.
* Presented project to TCS USA Life-Sciences division leadership. Met with senior programmers for weekly code reviews.
* Actively participated in both career-growth workshops and tech talks hosted on emerging technologies.

**Tech-Analyst Rese**[**arch Int**](https://studentambassadors.microsoft.com/certificate/07c88e79-90f7-4d1b-b131-f10d16e8706d)**ern| TCS | Johannesburg, South Africa** June 2020 – September 2020

* Produced a twenty-three-page self-authored acquisition strategy report targeting companies in Insurtech & Fintech in Southern Africa.
* The strategy and research report is being used as a framework to evaluate potential acquisitions for TCS, Africa.
* Leveraged conventional research techniques to identify relevant data in scientific literature, government reports, and news media.
* Research was conducted individually, and communicated bi-weekly with the group CFO to further understand the business model.

# PROJECTS

[**Photo-Book| Flask | React | HTML | CSS | SQL | AWS |**](http://ec2-18-191-242-42.us-east-2.compute.amazonaws.com/)

* Developed a full-stack social media photo book website where users can upload, like, comment on, delete photos.
* Exposed a RESTful API from Flask backend that is used by React frontend to implement, in real-time, Infinite Scroll, Double Tap To Like. • Designed, from scratch, a Database schema that houses likes, comments, and photos.
* Deployed an AWS EC2 instance for global access to the website.

**Stock Market Simulator | C++ |**

* Designed a program to simulate an electronic stock market exchange. Implemented using Fibonacci heaps, priority-queues, functors/ comparators, and the C++ STL

# LEADERSHIP EXPERIENCE

## MapReduce for distributed Compute | Python |

* Implemented, from scratch, a single machine, multi-process, multi-threaded server that will execute user-submitted MapReduce jobs.
* Designed with fault tolerance in mind, if a worker ends unexpectedly, the manager handles job redistribution
* Tested on extremely large MapReduce jobs.

[**Test your Color-Reflex | C++ | SDL Framework | Cmake**](https://github.com/akshatjindal/Color-Reflex-Game.git)

* Designed a fully functioning C++ game using SDL Framework
* Abstracted classes based on OOPS principles - made heavy use of runtime polymorphism.

**Founder & President of Soccer Fans Club @ University of Michigan Intramural Sports Supervisor** **@ University of Michigan**

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| * Founded and headed the premier Soccer Fans Club * Hosted watch-events every weekend * Organized trivia and pick-up games for over 45 students weekly. * Successfully transitioned over COVID to watch games remotely. * Provided a discussion forum for over 75 total registered members | * Managed Recreational Sports facilities with over 200+ players playing daily. * Lead a team of 5 referees to create a wonderful experience for all who used the IM facilities. * Refereed Intramural Sports for 50+ games, honing both my decision-making and interpersonal skills. |

September 2018 – April 2021 December 2018 – April 2019

## VOLUNTEERING

* **Michigan Hackers, Ann Arbor, MI, USA:** Created Surveys, organized Hacker nights where students pitched their projects, received funding opportunities. Helped organize talks on Computer Security, emerging technologies, Version Control, and other CS fundamentals.
* **Lead Volunteer, Funky Cup, Limpopo, South Africa:** Facilitated books, health packages and scholarships for 250+ underprivileged youth. Organized classes of reproductive health and self-defense. Managed a team of 15+ students to fund-raise for resources.
* **Tata Consultancy Services, Version Control Presentation Volunteer:** Gave a crash-talk on version control, how to use it, and its importance

## ACHIEVEMENTS AND AWARDS

* **University of Michigan - Dean's List 3x** (Awarded by the Dean @ UofM to students who receive more than a 3.5 GPA in a semester)
* **Merit based Scholarship - $60,000 - University of Rochester** (Awarded to 1 student out of 128 students in my High-School)
* **Tata Consultancy Services - Certification for completion of Internship**
* **LeetCode - Completed 100+ medium questions**
* **ParkRun South Africa -** Award for completing 50+ 5km races and finishing in top 100 for age group