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| YN Proven track record of conceptualizing, designing, executing creative technology solutions to real-world business problems in two leading companies and one groundbreaking startup.Check out my projects at [abhaysawhney.github.io/](https://abhaysawhney.github.io/) US permanent resident, fully work authorized. tech Skills Neural Nets, TensorFlow, Keras, GBM Models, OOP, Hadoop, JIRA, Statistics, Algorithm Design  C++, Python, Java, R other Skills Excel, Financial Analysis, Systems Thinking, Lean, Public Speaking, Strategy, Accounting, Team events | |  | | --- | | Abhay manu sawhney |  ExperienceMachine learning intern • scienaptic systemsJune 2018 – Sept 2018 • New York CityWorked with a large credit card firm to understand their needs. Built an ML model that cut their credit losses by 30% in specified segment. Delivered the model in under 7 weeks, working in a 4-person teamSuccessfully completed project and corresponding documentation in allotted time, strengthening a crucial relationship for ScienapticLearned about credit, risk, and ML techniques, used Excel and pandas  * Managed compliance initiative, organized team-building outings  business change & IT Intern • zurich insurance north americaJune 2017 – Sept 2017• ChicagoDesigned and executed Proof of Concept for new Hadoop architecture. Delivered PoC with supporting documentation in 10 weeksLocated and fixed security vulnerabilities in Data Lake within first 3 weeksAutomated employee data collection with Java, saving employee timeweb development intern • authbridge research servicesJune 2016 – July 2016• New DelhiUsed HTML, CSS, and jQuery to create website to kaizen record keepingCreated PHP-based automation to streamline data management between departments, reducing manual data entry by over 50%Educationuc davis • B.S. • computer science & tech managementJunior • Graduating Dec 2019 Residential Computing Advisor (campus job) • 3.4 GPA  Active member of AI Society, Theater Club, Swim Club and Surf Club Campus Leadership CS Department Tutor • Byte (mentor) with CS club  Currently meeting clients for startup and organizing Networking Club  Took initiative to lead several team projects including:   * 6-person team to pitch business improvement plan for Airbnb * 8-person team to develop model that parallels Zestimate (home value) |

