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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 model needsBuilt a model that cut their credit losses by 30% in specified segmentDelivered 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 Intern • zurich insurance north americajune 2017 – sept 2017• schaumburg, illinoisSuccessfully designed and executed Proof of Concept for new Hadoop security architecture, working largely autonomouslyDelivered PoC with supporting documentation in under 10 weeksNoticed security vulnerabilities in Data Lake within first 3 weeks on the job and reported them to manager, leading to them being correctedweb 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%Successfully completed the project in 5 weeks, site is currently liveEducationuc davis • computer science & tech management • Junior Residential Computing Advisor (campus job) • 3.4 GPA  CS Department Tutor • Byte (mentor) at CS club  Active member of AI Society, Theater Club, Swim Club and Surf Club |